Surplus Chemicals Offered—Page 7

Oil, Paint and Drug Reporter

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Volume 146 No. 21 | Schnell Publishing Company, Inc., Publishers | November 20, 1944

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For further information write for the new booklet describing the Flexol Plasticizers.

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison *Published by Schnell Publishing Co., Inc.*

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Chemical Foundation Denies 'Trust' Charges

The Chemical Foundation has issued the following statement on its indictment with eighteen steel companies in an antitrust action:—

The implications inherent in the use of the term "co-conspirator" with reference to the Chemical Foundation, Inc., in the recent indictment by the Federal Grand Jury in Trenton, N. J., of eighteen steel companies and six of their officers are both unjust and unwarranted.

The Chemical Foundation licensed over ninety steel companies to use its patents on stainless steel. These patents were available to all American companies on a non-exclusive and equal basis. All of these licenses expired with the patents themselves in May of 1937. Since that time, the Chemical Foundation has had no knowledge of, and certainly no control over, the actions of any steel companies in the United States or elsewhere. Therefore it is not possible that the Chemical Foundation had any part in any alleged conspiracy which might be the subject of a present indictment in the Federal Court.

During the period from July 1, 1934, to May 4, 1937, the Chemical Foundation did establish minimum prices on those types of steel covered by its patents. Its action in so doing was legal in every sense and in complete accord with the decisions of the United States Supreme

—*Continued on page* 56

Industrial Alcohol Quota Supplemented

OPD Washington Bureau

An immediate release of approximately 2,000,000 gallons of 190 proof ethyl alcohol for non-beverage civilian use as a supplement to the fourth-quarter allocations of industrial alcohol has been announced by the War Production Board. This action is contained in Direction 2 to M-30, governing the allocation of ethyl alcohol.

According to the provision of the direction, additional quantities of alcohol will be made available to the producers of drugs and pharmaceuticals; food products, including candy glazes, flavoring extracts and vinegar; toiletries and cosmetics, including mouth washes and oral antiseptics; adhesives; photographic materials; duplicating inks; brake fluids, and to other normal users of ethyl alcohol whose consumption has been restricted.

Without any limitations as to past use, resellers and users who may desire to purchase additional quantities of alcohol should place purchase or-

Continued on page 54

DCAT Annual Meeting To Be Held Nov. 21

Drug, Chemical and Allied Trades Section of the New York Board of Trade will hold its fifty-fourth annual meeting at the Drug and Chemical Club, New York, November 21.

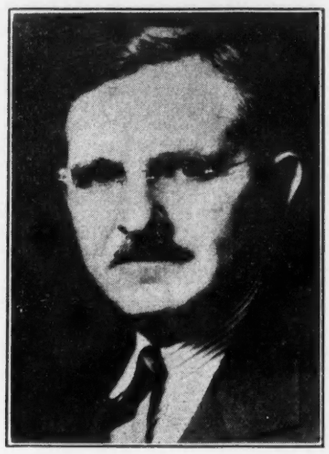
In addition to the usual reports of the officers and committee chairmen plus the election of the executive committee for the ensuing year Lt. Colonel Hobart H. Todd, commanding officer, A.A.F., Convalescent Center, Pawling, N. Y., will explain what is being done in connection with the rehabilitation of returning servicemen and how industry can help. Reservations are in charge of Miss Helen L. Booth, 291 Broadway, New York.

Small War Plant Post for Carter

OPD Washington Bureau

Following a meeting of the board of directors of the Smaller War Plants Corporation November 9, Maury Maverick, chairman and general manager, announced that Albert M. Carter, member of the board since the corporation was established in June, 1942, had been unanimously elected vice-chairman. Mr. Carter, a veteran of the last war, is a native of Union County, Ill., and for thirteen years was president of the First National Bank of Murphysboro, Ill., and is still a member of the board of directors of that bank.

Gets Plaque



Weller Noble, vice-president of the National Fertilizer Association and general manager of Pacific Guano Company, Berkeley, Calif., was honored by his associates in the mixed fertilizer industry in Southern California on November 8, at a dinner at the Biltmore hotel. He was presented with a bronze plaque mounted on a tablet of leopard-wood. The names of the donors and a bas-relief of one of the historic Sequoias are carved in the bronze.

Monsanto Develops Propellent for Robombs

Plans for the manufacture of a launching propellent for American models of the robot bomb by Monsanto Chemical Company were announced in Dayton, Ohio, November 13, by Monsanto Chemical Company, St. Louis, officials, and the Army Air Forces Technical Service Command, Wright Field, Dayton, Ohio.

The company statement followed announcements last week that Monsanto was building an $8,000,000 plant in Karnack, Texas, and an earlier announcement by the Air Technical Service Command that Monsanto was one of the American companies cooperating in production of robot type aircraft.

Development and testing of the propellent were accomplished through cooperation of Monsanto, the National Defense Research Council, and the Air Technical Service Command. Dr. Charles Allen Thomas, head of Monsanto's Central Research Laboratories at Dayton, had a leading role in directing the research.

Nobel Chemistry Prize Awarded

Georg Hevesy, of Stockholm, has been awarded the 1943 Nobel Prize in chemistry. Isidor Isaas Rabi of Columbia University, New York, has been awarded the 1944 prize in physics and Otto Stern, of the Carnegie Institute of Technology, Pittsburgh, received the 1943 prize in physics.

The committee reserved the 1944 prize in chemistry for possible award next year. The peace prize, which has not been awarded since 1938, previously had been abandoned for this year.

McK&R Acquires Brannon & Carson Co.

Acquisition of the business and name of the Brannon & Carson Company, 85-year-old drug firm of Columbus, Ga., has been announced by William J. Murray, jr., as president of McKesson & Robbins, Inc., New York. It will be operated as the Brannon & Carson Division and H. E. Weathers, for the past past thirty years president of the firm, will be retained in a consulting capacity, Mr. Murray said.

Senate Group Would Smash German Industries and Cartels

OPD Washington Bureau

The Kilgore subcommittee of the senate, studying monopolies and international cartels, recommended this week that Germany be prohibited from ever again having any interest in the industries of this country; that Germany's industries be completely reorganized to eliminate its aggressive power; and that the United States stand firmly opposed to continued operation of private international cartels in the postwar era.

The subcommittee based its recommendations on months of investigation of monopoly agreements uncovered by the Department of Justice in its antitrust work. It concluded that any program for the preservation of peace must be implemented by international economic collaboration, including expansion of the principle of reciprocal trade agreements and new methods for interchange of scientific and technical information.

Chemical Industry Blamed

Tracing the history of the German industrial system prior to and following the first world war, the subcommittee said that Germany was able to prepare itself for the present world war through its cartel agreements which held back the development of competing industries abroad while it retained and expanded its markets. There is evidence, the committee added, that the German aggressors have begun to pursue a strategy which they found successful a quarter century ago and already are deploying their economic reserves throughout the world in preparation for a third attempt at world domination. The report said:—

A real disarmament program requires not only the dismantling of all direct munitions industries but also the dismantling and removal of the devastated areas of Europe of the primary indirect munitions industries, including the metallurgical and chemical industries.

—*Continued on page* 40

Bradley Dewey Receives S.C.I. Medal for 1944

The Chemical Industry Medal for 1944 was presented to Col. Bradley Dewey, president of Dewey & Almy Chemical Company, Boston, Mass., and former Rubber Director, at a joint meeting of the American Section of the Society of Chemical Industry, the New York Section of the American Chemical Society and the New York

—*Continued on page* 40

Bradley Dewey

Pyrethrins Improved By Nitromethane Process

OPD Washington Bureau

An odorless, nonirritating pyrethrin flyspray has been developed by W. F. Barthel, H. L. Haller, and L. B. La Forge, chemists in the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture. This achievement depends on the use of nitromethane to separate the pyrethrins from a petroleum extract of pyrethrum. The nitromethane solution is passed through charcoal and distilled, leaving pyrethrins of from 90 percent to 100 percent purity, with no irritating properties.

The discoverers say that the new method extracts practically the total content of pyrethrins from the pyrethrum, producing an insecticide which not only is much more concentrated and powerful than has been obtained heretofore but is also ideal for use in the freon-aersol bombs.

Packaging Institute Officers Elected

The sixth annual meeting of Packaging Institute, Inc., held at the New Yorker Hotel, New York, recently elected the following officers:—

President, Walton D. Lynch, vice-president of the National Folding Box Company, New Haven, Conn., succeeding Joal Y. Lung, vice-president, Lambert Pharmacal Company, St. Louis, Mo.; vice-presidents, W. O. Brewer, manager of the pharmaceutical sales of the Calco Chemical Division, American Cyanamid Company, Bound Brook, N. J., and George A. Mohlman, president of the Package Machinery Company, Springfield, Mass.

Parker Assistant Chief Of Plant Industry Bureau

The appointment of Dr. Frank W. Parker to the position of assistant chief of the Bureau of Plant Industry, Soils and Agricultural Engineering, has been announced by Secretary of Agriculture Wickard.

Formerly head of the Division of Soil and Fertilizer Investigations, Dr. Parker will now direct all the bureau's research on soils. This includes not only fertilizer investigations but also soil management, soil classification, irrigation and salinity problems, and dry-land management.

Ryan Made Vice-Pres. Of M. W. Kellogg Co.

Paul Ryan, former president of the National Refining Company, Cleveland, Ohio, who recently has been serving in an important capacity with the Petroleum Industry War Council, has been elected a vice-president of the M. W. Kellogg Company, petroleum and chemical engineers, of Jersey City, N. J., and New York. Mr. Ryan will manage a newly instituted consulting service. This new service will provide counsel for refiners in the adequate evaluation of the factors of production, refining, transportation, marketing and finance.

Mining Engineers Elect Officers

Harvey Seeley Mudd has been elected president of the American Institute of Mining and Metallurgical Engineers. Mr. Mudd is president and managing director of the Cyprus Mines Corporation, Los Angeles.

Donald H. McLaughlin, vice-president and general manager of the Cerro de Pasco Copper Corporation, New York, and Leo F. Reinartz, manager of the Middletown division, of the American Rolling Mill Company, Middletown, Ohio, were elected vice-presidents.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

Nov. 17, 1944	Nov. 10, 1944	Nov. 19, 1943
133.2	132.8	137.7

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

The scarcity of eggs was the only economic element reflected last week in influence on prices in the markets for chemicals, oils, and drugs. The price of egg albumen was substantially boosted. This, with the help of another boost for sardine oil and a net elevation from botanical price shifts, raised the general average.

Munitions business did some spurting here and there and was generally expected to lead to some tightening of rules on materials and men. The shifting of some articles from WPB individual control to the general application of M-300 was not an easing of restraint.

Bids Wanted

Calcium Chloride:—2,000 pounds flake, Chief Clerk, Department of Justice, Bureau of Prisons, U. S. Penitentiary, Terre Haute, Ind.; invitation 31-1854, opening November 22.

Soda, Caustic:—1,000 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Diethyleneglycol:—3,000 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Drugs and Chemicals:—General Purchasing Officer The Panama Canal, Medical Section, Washington (25); circular 1712, opening November 20.

Ethyl Acetate:—825 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Ethyl Alcohol:—162 wine gallons, Purchasing Agent, District Government, Washington (4); schedule 6230, opening November 21.

Ferric Chloride:—2,000 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Ferrous Sulphate:—500 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Glycerin:—12,000 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Hexahydric Alcohol:—25,000 pounds, Office of the Public Printer, Government Printing Office, Washington (25); opening November 27.

Hypochlorite:—270 pounds, Chief Clerk, Department of Justice, Bureau of Prisons, U. S. Penitentiary, Terre Haute, Ind.; Invitation 31-1856 opening November 24.

Petrolatum, White: — 650 containers, Chief, Purchase Division, Treasury Department, Procurement Division, Washington (25); invitation 10-LMS-27387 opening November 21.

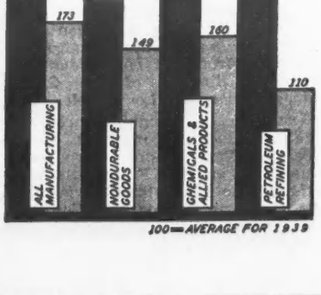
Starch:—86,800 pounds, Procurement Division, Veterans' Administration, Washington (25); invitation 57-S, opening November 17.

Turpentine:—7,300 gallons, Treasury Department, Procurement Division, Washington (25); invitation 58-27053, opening November 14.

Surplus Property Handbook Issued

W. L. Clayton, surplus war property administrator, has announced the issuance of the first installment of a handbook of standards for describing surplus property. The purpose of the handbook is to establish the minimum of information that should be supplied in listing surplus property while at the same time furnishing enough description in comemrcial terms to form an adequate basis for resale.

Business in September



Obituaries

W.F. Donohoe

W. Franklin Donohoe, director of sales of the finishes division of E. I. du Pont de Nemours & Co., Wilmington, died suddenly November 10 in Chicago. Mr. Donohoe died while on a visit to Chicago to attend a meeting of the Refrigeration Institute. He was fifty-four years old.

A native of Philadelphia, Mr. Donohoe began his career with Harrison Brothers, a paint and chemical company purchased by the du Pont company in 1917. In rapid succession, he was clerk, chief clerk in sales, assistant to the secretary, assistant sales manager, assistant director of industrial sales, and sales manager for paint, varnish and heavy chemicals, serving both in the Philadelphia and Wilmington offices. More recently he was general sales manager until he was appointed director of sales of the Finishes Division October 1 this year.

Surviving are his wife, a son, serving in the U. S. Army overseas, and a daughter.

Dr. Beram D. Saklatwalla

Dr. Beram D. Saklatwalla, consulting metallurgist, former senior vice-president and research director of the Vanadium Corporation of America, Pittsburgh, Pa., was killed in an airplane accident at Hanford, Calif., November 4. He was sixty-three years of age.

Born in Bombay, India, on July 19, 1881, a son of Dorab S. Saklatwalla and the former Jer N. Tata, a member of a leading industrial family in India, Dr. Saklatwalla received a B.S. from the University of Bombay in 1901, a Doctorate of Engineering from the Royal Polythechnic Institute, Charlottenburg, Germany, in 1908. The next year he came to the United States, and joined the newly organized American Vanadium Company of Pitsburgh.

In 1910 he was made general superintendent of the Vanadium Corporation of America, and ten years later became vice-president.

From 1935 to 1938 Dr. Saklatwalla was president of the United States Rustless Steel and Iron Corporation. Since the latter date he had been chairman of the board of the Alloys Development Corporation.

In 1924 the Society of Chemical Industry awarded the Grasselli Medal to Dr. Saklatwalla.

Surviving are his wife and a brother.

Edward P. Specht

Edward P. Specht, veteran advertising representative of *Oil, Paint and Drug Reporter* and associated publications, died November 14 in his home in New York. He had retired some six months ago because of failing health. He was seventy-three years old.

Mr. Specht was a native of St. Louis. In his early youth he was associated with his father in the dry-goods business there. The family enterprise was later moved to Virginia. Mr. Specht first became associated with the late Harry J. Schnell more than thirty years ago. After a brief interruption of this connection he returned in 1919, and he remained with the publications until his recent retirement.

Mr. Specht and Miss Mary Kelly were married in 1906. Mrs. Specht died about three months ago. They had no children. The surviving members of his household are two sisters-in-law, Mrs. Lylie Kennedy and Miss Anna Kelly. He left also a brother and two sisters, who reside in California.

[In the death of Ed Specht, every member of the *OPD* staffs loses a real companion and helpful friend. His character was a gentle and unselfish one. To all who knew him, even in business, he was affectionately known as "the old gentleman." He was, in full truth, a real gentleman of a diminishing school.—Editor, *Oil, Paint and Drug Reporter.*]

Dr. Frederick W. Sultan

Dr. Frederick W. Sultan, president of the Peacock-Sultan Drug Company, pharmaceutical manufacturer,

—*Continued on page 56*

Sulphuric Allocation Held Unnecessary

OPD Washington Bureau

Construction of new and expanded facilities to produce approximately 478,000 tons of sulphuric acid additionally annually, was recommended to the War Production Board by the Inorganic Acids Advisory Committee last week.

Nationwide allocation of the acid was suggested to the committee as a possible means of alleviating the shortage which, at the present time, is most acute on the East coast. However, committee members pointed out that distribution problems could be solved without the necessity of allocation if sulphuric acid production were substantially increased.

WPB said the brunt of the shortage for the next two months would be felt by the superphosphate producers. When the General Chemical Company's facilities at Front Royal, Virginia, and the Davison Company's facilities at Baltimore are completed, in approximately six weeks, more sulphuric will be available to the East coast area, releasing the drain on superphosphate acid to other industries. WPB estimates the shortage at 10,000 tons for December and 15,000 tons monthly for 1945.

Gelatin Raw Stock Shrinkages Limited

OPD Washington Bureau

Sales of wet gelatin raw stock involving shrinkage of delivered weight in excess of allowances established by the regulation governing ceiling prices for the commodity will be regarded as violations of that regulation whenever the invoice price exceeds the delivered weight multiplied by the ceiling price per ton, so the Office of Price Administration announced November 19.

To discourage the practice of increasing shipping weight by adding moisture, the following shrinkage allowances are established for the two general groups of wet gelatin stock:—

(1) Cattlehide side, kip side, whole kip, and calf split stock, 5 percent shrinkage allowance for long distance deliveries (more than 50 miles), and 1 percent allowance for less than 50 miles; (2) kip side, whole kip, and calfskin stock, 3 percent allowances for long distance deliveries and 1 percent for short distances.

Byrnes Confirmed As OWM Director

OPD Washington Bureau

Nomination of James F. Byrnes for an additional two-year term as director of war mobilization and reconversion was confirmed by the senate November 16. Mr. Byrnes previously had indicated a desire to return to private life when the reconversion act was signed last month but was prevailed upon by the President to continue in office, at least until the end of the war in Europe.

Prior to Mr. Byrnes announcement earlier this week that he had acceded to the President's request, it had been anticipated that Fred M. Vinson, director of economic stabilization, would be appointed to the post. It is now thought that Mr. Vinson will be given the job when Mr. Byrnes retires and that both offices will be consolidated into one.

Gasoline Gum Inhibitors Transferred to Order M-300

General allocations order M-300 was amended November 17 by the War Production Board to include gasoline gum-inhibitors now under allocation control in M-354. The latter order is revoked immediately, and allocations under M-300 will be on a monthly basis, with a small-order exemption of 10 pounds of each kind of inhibitor.

Sargent Joins Ansul

John A. Sargent, formerly assistant manager of the Menominee and Marinette Light & Traction Company, has been appointed planning engineer for Ansul Chemical Company and its Dugas division.

Table of Contents

News and Statistics

Abbott Lab. Gets DPC Contract..... 52
Alcohol Quota Supplemented..... 3
Berger General Laboratory Partner. 40
Byrnes Confirmed as OWM Dir..... 4
Cartels Discussed..... 7
Carroll Chemical Moves..... 43
CCC Price-Support Seeks Funds..... 5
Chemical Foundation Denies Charges. 3
Chemical Patents Claims to APC..... 40
Chemical Salesmen's Xmas Party..... 4
Chicago Drug, Chem. Ass'n to Meet... 52
Cortizas Co. Now Camax Co..... 62
Cottonseed Crushing..... 48
Cox, Aspden & Fletcher Anniv..... 62
Davison to Build Sulphuric Unit..... 38
DCAT Annual Meeting Nov. 21..... 3
Dewey Receives S.C.I. Medal..... 3
DSC Surplus Chemicals Offered..... 7
Esposito Honored..... 43
Fay Joins Rheem Co..... 63
FEA Export Licenses Amended..... 5
Fireworks Excluded from Sales Rules. 5
Gasoline Gum Inhibitors to M-300.... 4
Gelatin Raw Stock Shrinkages..... 4
Lard Banned in Making Soap..... 48
Maleic Acid and Anh. Shifted to M-300. 42
McK&R Gets Brannon & Carson..... 3
Mining Engineers Elect..... 3
Monsanto to Robot Launching Propellent 3
Nat. Oil Supply Marks 43 Years..... 65
N. J. Fertilizer Problems Discussed. 5
Nobel Chemistry Prize Awarded..... 3
O'Brien, O'Connor Leave Cont. Can.. 54
Packaging Institute Officers Elected.. 3
Phthalic Anhy. Shifted to M-300..... 43
Paint Groups Forming for Party..... 33
Parker Assistant Chief..... 3
Penicillin Production Enhanced..... 54
Penna. Salt Ups Research Staff..... 38
Potash, Nitrogen Controls Discussed.. 5
Pyrene Co. Indust. Research Unit.... 40
Pyrethrins Improved by Nitromethane 3
Ryan M. W. Kellogg V.-P..... 3
Small War Plant Post to Carter..... 3
Soda Nitrate, Chlorate Licensed..... 38
Sulphuric Allocation Still Studied.... 7
Sulphuric Allocation..... 4
Tankcar Supply Becoming Acute.... 7
Textile Technologists to Meet..... 57
T.G.A. Convention Date Set..... 62
Toledo Paint Club Meets..... 66
Tyriver Manhattan Soap Sales Mgr.. 62
Van Ness Quits OPA Cotton Post..... 57
Voet Huber Co. Research Dir..... 65
Wilson Succeeds Howard..... 5
WPB Reprints Rubber Order..... 5

General Features

Bids Wanted..... 4
Current Market Quotations..... 9
Editorials 34
Imports 66
Obituaries 4
OPD Price Index..... 4
Professional Services..... 60

Market Reports

Botanical Drugs, Spices, Gums..... 59
Coaltar Chemicals..... 42
Drugs and Fine Chemicals..... 51
Essential Oils, Other Aromatics..... 61
Fertilizer Materials..... 41
Heavy Chemicals..... 37
Oils, Fats and Waxes..... 48
Petroleum Derivatives..... 63
Protective Coatings Materials..... 45
Textile Leather Chemicals..... 57

Chemical Salesmen's Christmas Party Set

The Salesmen's Association of the American Chemical Industry will hold its annual Christmas party in the Hotel Roosevelt, December 14. Cocktails will be served at 6 p.m. to be followed by dinner at 7:30 p.m. Tickets are $10 per person. Reservations are in charge of J. Robert Fisher, of the Fisher Chemical Company, 60 East 42nd street, New York.

BACK THE ATTACK—BUY AN ADDITIONAL BOND TODAY

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Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The system of allocating scarce materials used by the WPB Chemicals Bureau has been quietly undergoing rather important changes in the past few months. The reason for it, in large measure, is the fact that Congress wrote a provision in the reconversion act last Summer that makes it almost impossible to carry allocations down to the last level—the users.

The provision was designed to open the door for little business and new industries to get started in production of goods for civilians. It was to make certain that the war agencies did not play favorites in loosening up on supplies, and to accomplish this end WPB is prohibited from denying to newcomers or small business supplies such of materials as they might need to get into production. The prohibitions are found in sections 203 and 204 of the act.

It is entirely understandable how they got into the law. The act was being written at a time when the military picture in Europe was much rosier than it is now and everybody was whooping up the idea that the war was about over and reconversion was the paramount problem. There also was much argument about whether newcomers should be allowed to get into production before the established firms in warwork could shake off their war contracts and get themselves prepared to resume civilian operations.

Congressional Monkeywrench

The aims of Congress in trying to settle the reconversion questions were well and good, but what was overlooked was the fact that the war wasn't over and how the provisions would operate if material supplies began tightening up again—and that is what has occurred. Instead of being helpful, the provisions turn out to be anything but that, in the estimation of most planners. What the situation boils down to is something like this:

Instead of WPB being able to divvy up the materials pie by saying to this or that user. "You can have just so much from such and such a source," it must now consider the unknown factors—that a newcomer might enter the field or a small business concern might come in demanding a share after the pie is divided. This means that WPB must start all over again and revise downward the amount it previously allocated to other users.

Fortunately for the Chemicals Bureau, it has machinery set up for meeting situations of this kind that might be brought about by the provisions. Under general allocations order M-300 it needs to say only to the manufacturer or supplier how much of a material must be set aside for military orders or essential civilian production and leave it up to him as to who shall get what and how much. A number of chemicals which have been controlled by specific "M" orders in the past have already been put under the M-300 umbrella and steps are being taken to put others under the general order as quickly as possible. Ethyl alcohol is one of those likely to go under the order pretty soon. Also nitrogen and potash.

Labor-Control Postwar

Considerable talk is being stirred up up in Washington over the postwar future of the War Labor Board, but no meeting of minds is discernible on this question as yet. The discussion has sprung from the fact that the wage-stabilization law from which much of WLB's authority stems, expires June 30, next, and the possibility that the European phase of hostilities will be over by then.

As a means of obtaining industrial peace, management and labor have submitted for the past three years to the exercise of compulsory powers by WLB, a system which in time of peace had been traditionally opposed by both groups. Because the system has worked fairly well on the whole, the question arises now whether it or some similar system should not be continued in peace.

There are some who favor continuing WLB in its entirety, some who favor its complete dissolution; others who think it should be continued without compulsory powers; and others who favor a complete reorganization of the various labor agencies, centralizing them and providing them with a uniform set of policies to be applied generally. All hope we shall come out of the war with a better plan for treating industrial disputes than we had when we went in.

Tooling Takes Time

Commerce department experts who have looked into the situation believe that it may be months after V-E Day before products depending on special-purpose machine tools in their manufacture will find their way on the market in any great volume. The reason is that the machine-tool industry cannot cope with the volume of orders for new tools that are coming in.

While it is true that much of the metalworking machinery now being used for war production will prove adaptable to civilian production, a large amount of new special-purpose equipment will be required when industries reconvert. Some of the special-purpose machine tools needed by the automobile industry, for example, require sixteen to twenty weeks to design and build.

WPB has tried to help the situation along by permitting manufacturers of producers' equipment to accept and fill unrated orders, but despite this hopeful development, the shrinking volume of shipments in conjunction with a large backlog of rated orders offers little prospect that many unrated orders will be filled this year. At the end of September the metalworking machinery industry had an unfilled order backlog of six months at the current rate of shipments.

Surplus Disposers Wary

The surplus property disposal program is beginning to feel the effects of the provision in the property disposal law that would impose a fine and jail sentence on anybody in the government handling disposition of surpluses who takes a job with a private firm, which may have purchased some of these surpluses, within two years after leaving the government.

The provision is operating both to discourage good men in industry who know their lines from coming in to help handle the surplus disposal program, and is encouraging those already in the government to get out now while the getting is good. It is largely because of this provision in the law that Ernest L. Olrich, in charge of surplus disposal for the Procurement Division, tendered his resignation.

Officials of the disposal agencies say that more often than not when good men in industry are approached to help out with the program, they immediately call attention to this provision of the law. The risk of a year in jail and a $10,000 fine is too much to take. Of course, the intent of the provision is to keep out chislers, but in the final analysis the prosecuting attorney has a lot to say as to whom it is to be applied against.

Foreign Trade Survey

The Department of Commerce has initiated a movement to bring industry up to date on the needs of foreign markets for specific commodities of American production, as an aid in making export plans for the postwar era, now that economic conditions in many of the countries are beginning to settle down after the passing of the initial rush to supply the materials of war.

Surveys are being conducted by the foreign service of the Department of State, at the request of the Department of Commerce, of the present and future prospects for American exports of such things as paints, hides and skins, motion-picture equipment, con-

—*Continued on page 43*

Potash, Nitrogen Controls Discussed

OPD Washington Bureau

Existing controls over the distribution of nitrogen and potash are not to be lifted entirely as it was previously indicated in a statement of the War Production Board, it was learned November 16, but will be revised around the first of the year to continue control down to the supplier level.

An amendment is now being prepared to place allocation under the general allocations order M-300 which authorizes the Chemicals Bureau to direct suppliers to set aside a percentage of their supplies for military needs but leaves them free to sell the remainder in any amount to other users for approved end uses.

This differs from the present system of allocation in that the users no longer would be directed where to obtain their supplies and the amounts they might obtain.

Officials are confident that the new system will work out satisfactorily, although they, as well as the fertilizer industry, would prefer continuance of the present control system unchanged. The reason for going over to the new system, it was explained, is the fact that a provision in the Reconversion Act prohibiting the war agencies from denying supplies of materials to new users, makes control over distribution of supplies to the ultimate user too difficult.

N.J. Fertilizer Problems Discussed in Conference

This Fall's New Jersey fertilizer conference was held November 13 in the "Log Cabin" on the experimental farm at Rutger's University, New Brunswick. The activities started at 10 a.m., with Dean William H. Martin presiding. By 10:15 the S-R-O sign was hung out as the cabin was packed with a representative gathering of fertilizer manufacturers, salesmen, and government officials.

Almost every phase of the State's fertilizer operations came under discussion. Old methods of cultivation were compared with those of modern times, while the basic materials, percentages, and mixtures were referred to from both a scientific and a commercial point of view. Results of experiments of different applications of fertilizer on corn, potatoes, and tomatoes were described in detail, while improved methods for cultivating clover and alfalfa were carefully described by officers affiliated with the Rutgers farm.

Dean Martin's opening address included his ideas on the better use of fertilizers and the development of vegetable root crops. He emphasized the use of more lime and explained the improved results from plowing

—*Continued on page 38*

WPB Reprints Rubber Order with Amendments

OPD Washington Bureau

Rubber Conservation Order, R-1, has been reprinted with various amendments incorporated, the Rubber Bureau of the War Production Board has announced. More important changes reported are as follows:—

1. Neoprene types of synthetic rubber have been removed from allocation control and may now be consumed without limitation as to amount in any permitted product. In addition, one type of neoprene synthetic rubber, GR-M, has been made subject to spot authorization by WPB field offices for non-permitted products. (Authorization will not be granted if production in any way interferes with war production or the production of essential civilian articles, WPB said. Labor and facilities to manufacture must be available to the applicant and not required for more essential purposes, it was emphasized.)

2. Veterans' Administration requirements have been included in exceptions previously limited to the Army, Navy and the United States Maritime Commission.

3. Some special military items have been added to the permitted product list. The most important of these are sponge mattresses and cushions for aircraft and submarine use, breathing bags for submarine lung and oxygen breathing apparatus.

4. Consumption of butyl is now permitted in the manufacture of truck and bus tubes, size 8.25-16 through 9.00-24 inclusive, for both government and civilian orders.

CCC Price-Support Seeks More Funds

OPD Washington Bureau

A request for an increase of $2,000,000,000 in the funds of the Commodity Credit Corporation for its price-support program next year was made to Congress November 14 by the War Food Administration. If granted, the increase would raise the total which the corporation would have available for this purpose to $5,000,000,000.

The 1945 national food production program has about been completed by WFA and is to be submitted to State agricultural leaders for their determination of State goals at meetings beginning November 20. The suggested acreage for next year is about the same as that for this year, but with some shifts in the pattern of production to meet changing demand situations.

The suggested total crop acreages for 1945, although smaller than the goals for 1944, amounts to nearly 364,000,000 acres, which compares with an estimated 360,000,000 planted acres in 1944. The individual goals provide a continuance of 1944 levels for most of the more important crops. The acreage proposed to be devoted to soybeans for beans would remain unchanged at 10,688,000 acres, but for flaxseed, in view of the shortage of linseed oil and prospects of continued heavy demands next year, it is proposed to increase the area from 3,285,000 acres this year to 5,000,000 acres next year. The goal for peanuts is reduced slightly from 4,169,000 acres to 4,000,000. Milk production is proposed to be increased from 118,200,000 pounds to 120,000,000 pounds; egg production is reduced from 4,676,000 dozen to 3,920,000 dozen.

FEA General Licenses For Exports Amended

OPD Washington Bureau

The Foreign Economic Administration has amended its regulations covering issuance of general licenses for the exportation of chemicals, drugs, pharmaceuticals and health supplies of limited valuation to permit the exportation of these materials under a GLV license to Group K destinations where a single shipment of the net value does not exceed $100.

Previously such licenses were limited in the case of some products to values only up to $25. The relaxation of the regulation extends to all chemicals, drugs, pharmaceuticals and health supplies, except those listed in paragraph D of Current Export Bulletin No. 193.

In the case of shipments to Group G destinations, the FEA also amended its regulations to permit the shipments of such products of a net value of $25 under a GLV license. The change in the regulation was also made applicable to shipments to Argentina.

Fireworks Excluded from Explosives Sales Rules

OPD Washington Bureau

Regulations governing sales of explosives have been amended to exclude fireworks of all kinds from the requirement that buyers be licensed by the Bureau of Mines, it was announced November 16 by the bureau. The amendment is effective as of November 15.

As a result of the change, it was explained, it is no longer necessary for a person who wishes to sell, buy or possess fireworks to obtain a federal license or keep records on sales or purchases. No change is made in the requirements applying to manufacturers of fireworks, however.

Wilson Succeeds Howard As ODT Rates Director

John C. Howard, a member of the personnel of the rates division of the Office of Defense Transportation since February, 1942, has resigned as director of the division, effective November 11, to return to private industry. He will be succeeded by Harry Wilson, assistant director since last February.

Linwood Lewis Adams, present chief of the transportation branch, Division of Transportation and Storage, War Production Board, has been appointed associate director of the ODT Division of Rates.

3 STABLE FORMS OF HYDROXYLAMINE

Properties of Hydroxylammonium Salts

NAME	Hydroxylammonium acid sulfate	Hydroxylammonium sulfate	Hydroxylammonium chloride
FORMULA	$NH_2OH \cdot H_2SO_4$	$(NH_2OH)_2 \cdot H_2SO_4$	$NH_2OH \cdot HCL$
Molecular Weight	131.11	164.14	69.50
Approximate Specific Gravity	1.83	0.91	0.62
Melting Point, °C	Indefinite	162 d.	152 d.
pH of 0.1M Aqueous Solution at 25°C	1.6	3.5	3.4
*Solubility—g/100g at 25°C			
In Water	390 Approx.	63.9	94.7
In Methanol	20.2	0.1	17.5
In Ethanol, 95%	4.3	0.2	10.5
In Ethanol, Absolute	6.3	0.1	6.6
In Butanol	2.2	0.03	0.6

*These Hydroxylammonium salts are only very slightly soluble in ethers, esters, and aliphatic or aromatic hydrocarbons.

A Powerful Reducing Agent

HYDROXYLAMINE in stable form . . . manufactured from the Nitroparaffins. . . . is now available at reasonable prices. It is useful in removal and purification of aldehydes and ketones . . . as an analytical reagent . . . as a resin catalyst, rubber accelerator, flotation agent . . . in the preparation of nitriles, acid amides, isoxazoles, metal complexes, barbituric acid derivatives, and other compounds used in pharmaceuticals, dyestuffs, photographic chemicals, insecticides, and antiseptics. Larger postwar production and lower prices warrant re-examination of the possibilities of Hydroxylamine. Write our Technical Service Division for samples.

CSC

COMMERCIAL SOLVENTS *Corporation*

17 East 42nd Street, New York 17, N. Y.

DSC Surplus Chemicals Are Offered

OPD Washington Bureau

Defense Supplies Corporation has the following described surplus war chemicals which are available for immediate sale, f.o.b. cars or trucks present storage point. Offers should be submitted in writing to Defense Supplies Corporation, 811 Vermont avenue, N.W., Washington, D. C. This corporation reserves the right to withdraw all of any part of items listed or to reject any offer in whole or in part:—

Alizarin Red S, 204 10-gram vials, Schenectady, N. Y.

Aluminum Oxide, 700 pounds, Edgewood Arsenal, Md.

Amidol, 9,147 pounds, New York, N. Y.

Ammonia Acetate, 250 pounds, Savannah, Ga.

Ammonia Acetate, 13,500 bottles, Louisville, Ky.

Ammonia Bromide, 500 pounds, Bingamton, N. Y.; 692 pounds, Schenectady, N. Y.

Ammonia Chloride, 804 pounds, Edgewood Arsenal, Md.

Ammonia Chloride, 10,725 pounds of grade A, Edgewood Arsenal, Md.

Ammonia Phosphate, 198 tons, Indio, Calif.; 42 tons, Phoenix, Ariz.; 27 tons, Salinas, Calif.

Aniline, 175 pounds, Savannah, Ga.

Anneal Salt, 14,800 pounds, barium-calcium-neutral compound, Detroit, Mich.

Aromatic Naphtha, 28,000 gallons, Topeka. Kans.; 6,565 gallons, Syracuse, N. Y.; 68,615 gallons, South Bend, Ind.; 17,172 gallons, Columbus, Ohio; 5,227 gallons, Memphis, Tenn.

Arsenic, Anhydride, 150 pounds, Savannah, Ga.

Azocarmine B, 623 10-gram vials, Schenectady, N. Y.

Baking Soda, 1,650 pounds, Detroit, Mich.

Barium Carbonate, 300 pounds, Atlanta, Ga.; 98 pounds, Schenectady, N. Y.

Barium Carbonate, 164 pounds, Edgewood Arsenal, Md.

Barium Chloride, 225 pounds, Savannah, Ga.

Barium Chloride, 2,000 bottles, Binghamton, N. Y.

Barium Chromate, 500 pounds, Edgewood Arsenal, Md.

Barium Hydroxide, 75 pounds, Savannah, Ga.

Benzidine, Tech., 2 pounds, Edge wood Arsenal, Md.; 11 pounds, Edgewood Arsenal, Md.; 4,000 grams, Edgewood Arsenal, Md.

Benzidine, 200 ounces, Atlanta, Ga.; 700 ounces, Savannah, Ga.

Benzidine, 1,019 bottles, Binghamton. N. Y.

Biebrich Scarlet, 197 10-gram vials, Schenectady, N. Y.

Bismarck Brown Y, 1,300 10-gram vials, San Francisco, Calif.

Bleach, 9,500 pounds, Ft. Williams, Me.; 25 tons, Huntsville, Ala.

Bleach, Grade A, 6,720 pounds, Oakland, Calif.

Bleach, Grade B, 133,700 pounds, Edgewood Arsenal, Md.; 42,120 pounds, New Cumberland ASF Depot, Pa.; 206,800 pounds, New Cumberland ASF Depot, Pa.; 223,704 pounds, Utah ASF Depot Ogden, Utah.

Bleach, Grade C, 125,900 pounds, New Cumberland ASF Depot, Pa.; 434,610 pounds, Utah ASF Depot, Ogden, Utah; 1,576,900 pounds, Huntsville, Ala.; 150,000 pounds, Tracy, Calif.

Bleach, Grade 1, 184,420 pounds, Atlanta ASF Depot, Ga.

Bleach, Grade 2, 1,316,200 pounds, Atlanta ASF Depot, Ga.; 507,150 pounds, Memphis, Tenn.; 219,520 pounds, Memphis, Tenn.; 3,600 pounds, San Antonio, Tex.

Bleaching Powder, Grade C, 117,000 pounds, Tracy, Calif.

Blue Toner, E-7001, 210 pounds, New York, N. Y.

Brilliant Green, 800 10-gram vials, Schenectady, N. Y.

Brilliant Green, 9,000 vials, Louisville, Ky.

Bromine, CP, 856 pounds, Edgewood Arsenal, Md.

Butyric Acid, 1,720 pounds, Memphis, Tenn.; 3,179 pounds, Ogden, Utah; 3,870 pounds, Atlanta, Ga.; 32 quarts, Atlanta, Ga.; 1,107 pounds, Edgewood Arsenal, Md.; 2,160 pounds, San Antonio, Tex.

Calcium Carbide, 3 drums, Jerome, Ark.

Calcium Carbonate, 33,950 pounds, Edgewood Arsenal, Md.

Calcium Chloride, 12,225 pounds, San Antonio, Tex.

Calcium Cyanide, 260 pounds, Atlanta, Ga.; 125 pounds, Schenectady, N. Y.

Calcium Silicide, 34,280 pounds, Edgewood Arsenal, Md.

Carbon Disulphide, 1,000 pounds, Savannah, Ga.

Cellulose Acetate, 462 sheets, Edgewood Arsenal, Md.

Cobalt Oxide, CP, 25 pounds, Edgewood Arsenal, Md.

Copper Arsenate, CP, 460 ounces, Edgewood Arsenal, Md.

Copper Sulphate, 1¼ tons, Salinas, Calif.

Creosote, 195 pounds, Orangeburg, N. Y.

Cuprodine, 55 gallons, Detroit, Mich.

Dextrin, Yellow, 840 pounds, Edgewood Arsenal, Md.

Dinitrobenzene, 31 pounds, Edgewood Arsenal, Md.

Dinitronaphthalene, 250 pounds, Edgewood Arsenal, Md.

Dinitrotoluene, 174 pounds, Edgewood Arsenal, Md.

Dye, 500 pounds, cotton, dark blue, Hereford, Tex.; 400 pounds, wool, dark blue, Camp Bowie, Tex.; 990 pounds, cotton, dark blue, San Luis Obispo, Calif.; 1,000 pounds, dark blue wool, San Luis Obispo, Calif.; 3,896 pounds, indigo blue, Huntsville, Ala.; 875 pounds, dark blue wool, Fort F. E. Warren, Wyo.; 450 pounds, dark blue cotton, Fort F. E. Warren, Wyo.; 1,330 pounds, coaltar, o.d., Camp Blanding, Fla.; 3,097 pounds, smoke, colored, orange, New York; 1,500 pounds, cotton, dark blue, Camp Gruber, Okla.; 650 pounds, cotton blue, Fort Riley, Kans.; 1,643 pounds, wool blue-black, Fort Riley, Kans.

Dyestuff, 1,220 pounds, cotton, dark blue, Wichita Falls, Tex.; 100 pounds, wool, dark blue, Tyler, Tex.; 100 pounds, cotton, dark blue, Tyler, Tex.; 476 pounds, cotton, dark blue, Paris, Tex.; 500 pounds, cotton, dark blue, Fort Worth, Tex.; 300 pounds, cotton, dark blue, Fort Worth, Tex.; 333 pounds, dark blue, San Francisco, Calif.; 100 pounds, wool, dark blue, Oklahoma City, Okla.; 50 pounds, cotton, dark blue No. 1, Oklahoma City, Okla.

Ether, Grade A, 13,029 quarts, Memphis, Tenn.

Ethylene Bromide, 4,000 grams, Edgewood Arsenal, Md.

Ferric Chloride, 750 pounds, Savannah, Ga.

Ferric Nitrate, CP, 5,815 pounds, Edgewood Arsenal, Md.

Flux, Soldering, 13,600 pounds, Edgewood Arsenal, Md.; 1,128 gallons Akron Ohio; liquid, 90 gallons. Pine Bluff Arsenal, Ark., 47 gallons, Detroit, Mich.; paste, 5,417 pounds, Pine Bluff Arsenal, Ark.; powder, 208 pounds, Detroit, Mich.; union melt, 27,293 pounds, Detroit, Mich.

Formaldehyde, USP, 341 gallons, Edgewood Arsenal, Md.; 500 pounds, Savannah, Ga.; 500 pounds, Savannah, Ga.

Glue, 55 gallons, Orchard Grove, Ill.

Glue, Marine, 240 gallons, Clarksville, Tenn.; 2,950 pounds, Huntsville, Ala.

Glue, Marine, Thinner, 1,334 pounds, Huntsville Arsenal, Ala.; 899 gallons, Huntsville Arsenal, Ala.

Gum, Ester, 390 pounds, Edgewood Arsenal, Md.

Hydrobromic Acid, 200 pounds, Denver, Colo.; 63 pounds, Binghamton, N. Y.; 50 pounds, Savannah, Ga.; 125 pounds, San Francisco, Calif.

Hydrochloric Acid, 5,000 pounds, Denver, Colo.; 2,400 pounds, Denver, Colo.; 6,000 pounds, San Francisco, Calif.; 3,012 pounds, Binghamton, N. Y.; 3,000 pounds, Schenectady, N. Y.; 13,000 pounds, Savannah, Ga.

Hydrogen Peroxide, 11,750 pounds, Louisville, Ky.

Indigo Blue, 45 pounds, Edgewood Arsenal, Md.

Ink, Yellow Stencil, 60 pounds, Detroit, Mich.

Iron, Reduced, 1,700 pounds, Edgewood Arsenal, Md.

Isobutyl Methacrylate, 2,000 pounds, Edgewood Arsenal, Md.

Lead Nitrate, 880 pounds, Philadelphia, Pa.

Lead Nitrate, CP, 2,400 pounds, Edgewood Arsenal, Md.

Lethane, 1,600 gallons, Mare Island, Calif.

Liquid Heat, 2 drums, chloride compound. Detroit, Mich.; 2 barrels, Detroit, Mich.

Lithium Carbonate, 125 pounds, Schenectady, N. Y.; 125 pounds, Los Angeles, Calif.

Magnesium Oxide, 229 pounds, Edgewood Arsenal, Md.

Magnesium Sulphate, 400 ounces, Los Angeles, Calif.

Magnesium, Zinc Silicofluoride Mixture, 2,000 pounds, Orchard Grove, Ill.

Malachite Green, 2,500 10-gram vials, Louisville, Ky.

Metatoluidine, 11 pounds, Edgewood Arsenal, Md.

Methyl Orange, 5,349 vials, Louisville, Ky.

Methyl Violet, 36,000 10-gram vials, Louisville, Ky.

Methyl Violet Toner, 800 gallons, Portsmouth, Va.

Molybdic Acid, Anhydride, 253 pounds, Binghamton, N. Y.; 250 pounds, Savannah, Ga.; 1,000 pounds; San Francisco, Calif.

Monochloracetic Acid, 100,000 pounds, Edgewood Arsenal, Md.

Nitrocellulose Sheets, 162,732 pounds, Umatilla Ordnance Depot, Umatilla, Ore.

Nitrocellulose, 359 pounds, Dallas, Tex.; 529 pounds, Dallas, Tex.; 36,316 pounds, Ravenna Ord. Center Apco, Ohio; 686 drums, Romulus, N. Y.

Nitronaphthalene, 192 pounds, Edgewood Arsenal, Md.

Oil Tar, Rectified USP, 3,000 bottles, San Francisco, Calif.

Oil, Thinner, V.P.K., 500 gallons, Clarksville, Tenn.; 730 gallons, Pine Bluff, Ark.

Oil, Turpentine, USP, 10,000 bottles, Schenectady, N. Y.

Paranitrophenol, 53 pounds, Edgewood Arsenal, Md.

Parazole, 215 pounds, Edgewood Arsenal, Md.

Paste Abrasive, 59,000, Louisville, Ky.

Phenolamine, Tertiary, Alkylated, 6,053 gallons, Alameda, Calif.; 551 gallons, Corpus Christi, Tex.

Phosphoric Acid, 249 gallons, Atlanta, Ga.

Phosphotungstic Acid, 750 ounces, Denver, Colo.; 150 ounces, Atlanta, Ga.; 1,314 ounces, Binghamton, N. Y.; 1,200 ounces, San Francisco, Calif.

Plasticizer, 1,100 pounds, San Diego, Calif.

Potash Muriate, 5¾ tons, Salinas, Calif.

Potassium Acid Phthalate, 1,500 bottles, Savannah, Ga.

Potassium Bromide, 248 bottles, Schenectady, N. Y.

Potassium Chromate, 195 bottles, Los Angeles, Calif.

Potassium Dichromate, Crystals, 25,762 pounds, South Bend, Ind.

Potassium Metabisulphite, Anhydrous, Powdered, 6,000 pounds, Topeka, Kans.; 17,800 pounds, South Bend, Ind.

Potassium Nitrate 15,540 pounds, Edgewood Arsenal, Md.; 1,000 pounds, Edgewood Arsenal, Md.

Potassium Sulphate, 500 bottles, San Francisco, Calif.

Primer, Linoleum, 18,600 pounds, Richmond, Calif.

Pyridene, 10,472 pounds, Edgewood Arsenal, Md.

Recoloring Compound, Textile, 275 gallons, Camp Hood, Tex.; 410 gallons, Camp Hood, Tex.

Rosin, 54,790 pounds, Louisville, Ky.

Sealer, Fireproof, 1,237 gallons, Bremerton, Wash.

Sealer, Dolphinite, 650 gallons, Bremerton, Wash.

Slushing Compound, 4,400 gallons, for Fuel Tanks, San Diego, Calif.

Soda Acetate, 1,700 pounds, Savannah, Ga.; 1,500 pounds, Louisville, Ky.

Soda Acetate, Anhydrous, 1,737 pounds, Edgewood Arsenal, Md.

Soda Bicarbonate, 5,200 pounds, Edgewood Arsenal, Md.

Soda Bisulphite, 800 ¼-pound containers, Savannah, Ga.

Soda Citrate, USP, 300 pounds, Atlanta. Ga.

Soda Dichromate, 1,305 pounds, San Diego, Calif.

Soda Fluoride, 3,500 boxes, San Francisco, Calif.

Soda Hyposulphite, 68,950 pounds, South Bend, Ind.

Soda Iodide, 90 pounds, Pine Bluff Arsenal, Ark.; 88 drums, Denver, Colo.

Soda Lime, White, 43,400 pounds, Edgewood Arsenal, Md.

Soda Oxalate, 98,500 pounds, Jacksonville, Ill.; 96,000 pounds, Akron, Ohio.

Soda Oxalate Powder, 175,792 pounds, Detroit, Mich.

Soda Phosphate, Dibasic, 175 pounds, Schenectady, N. Y.

Soda Sal, 573 pounds, Camp Kohler, Calif.

Soda Silicate, 12,000 pounds, San Francisco, Calif.

Soda Sulphate, Anhydrous, 1,400 cans, San Francisco, Calif.

Soda Sulphite, Anhydrous, 1,335 pounds, Los Angeles, Calif.

Soda Sulphite, Crystals, 383 ounces, Los Angeles, Calif.

Starch, Soluble, 500 ounces, Schenectady, N. Y.

Sulphosalicylic Acid, 375 pounds, Denver, Colo.; 2,000 ounces, San Francisco, Calif.

Sulphur, 500,000 pounds, Salt Lake Army Air Base, Utah.

Sulphur, Monochloride, 1,670,000 pounds, Rocky Mt. Arsenal, Colo.

Sulphuric Acid, 7,000 pounds, Savannah, Ga.; 300 pounds, San Francisco, Calif.; 3,000 pounds, Denver, Colo.

Sulphuric Acid, 250 bottles, Louisville, Ky.

Sulphurous Acid, 1,265 pounds, Denver, Colo.; 1,835 pounds, Ogden, Utah; 325 pounds, San Francisco, Calif.; 175 pounds, Savannah, Ga.

Tar, Liquid, 165 gallons, Orchard Grove, Ill.

Tar, Pine, 1,100 cans, San Francisco, Calif.

Tartaric Acid, 2,498 pounds, Binghamton, N. Y.; 1,500 pounds, Savannah, Ga.

Thionin, 305 10-gram vials, Schenectady, N. Y.

Urea, 8,000 ounces, Los Angeles, Calif.

Xylene, 2,000 pounds, Schenectady, N. Y.

Zinc Chloride, 425 pounds, Atlanta, Ga.; 25 pounds, Schenectady N. Y.

Zinc Chloride, Tech., 900 pounds, Edgewood Arsenal, Md.

Zinc Chromate Compound, 100 gallons, Brooklyn, N. Y.

International Trade Problems Discussed

Problems of world trade were discussed at the International Business Conference held at the Westchester Country Club, Rye, N. Y., November 10 to 18, by delegates representing 52 nations.

A message of greeting from President Roosevelt was read by Elliott Wadsworth, chairman of the American Section of the International Chamber of Commerce, one of the sponsoring organizations of the meeting. Mr. Roosevelt's message said that world business after the war must be expanded on a basis of non-discrimination and of freedom from excessive barriers and restraints.

Eric Johnston, president of the United States Chamber of Commerce, said that the airplane has so shriveled distance that "we can no longer live alone and like it." He warned that business men in the world of tomorrow must be vocal, instead of leaving decisions to political heads, with resulting blunders.

Sir Clive Baillieu, member of the British delegation, and chairman of the section on cartels, urged abandonment of the word "cartels" in favor of "trade accords," the operations of which would be subject to "continuous and public review" by some form of international machinery.

The text of a framework for the forthcoming report on cartels to be issued to the International Business Conference, as approved by the cartel section under Sir Clive Baillieu, follows in part:—

We should attempt a definition of what we are considering. This might be by agreements, either between independent members or between governments, or both, which provide in respect of commodities the subject of international trade for all or any of the following:—Regulation of production; orderly marketing; coordination of prices; exchange of technical knowledge and scientific information where it is concerned with production or marketing schemes. This definition is designed to cover international commodity agreements as well as agreements covering semi—or manufactured products.

Tankcar Supply Becoming Acute

A tightening of restrictions on tankcar movements of petroleum and chemicals was predicted November 16 following a two-day conference of the Office of Defense Transportation with its Joint Tankcar Advisory Committee.

Called into session to survey the tankcar supply situation, which is growing more acute daily as a result of expanded programs for the production and shipment of liquids, the group was reported to have agreed that there should be a revamping of all ODT orders to provide greater efficiency in both the use and movement of tankcars.

It is understood that the tightening of restrictions will apply largely in the case of cars for petroleum and that it may be necessary that the Petroleum Administration for War establish some form of a preference system giving priority over the movement of some forms of petroleum products over others.

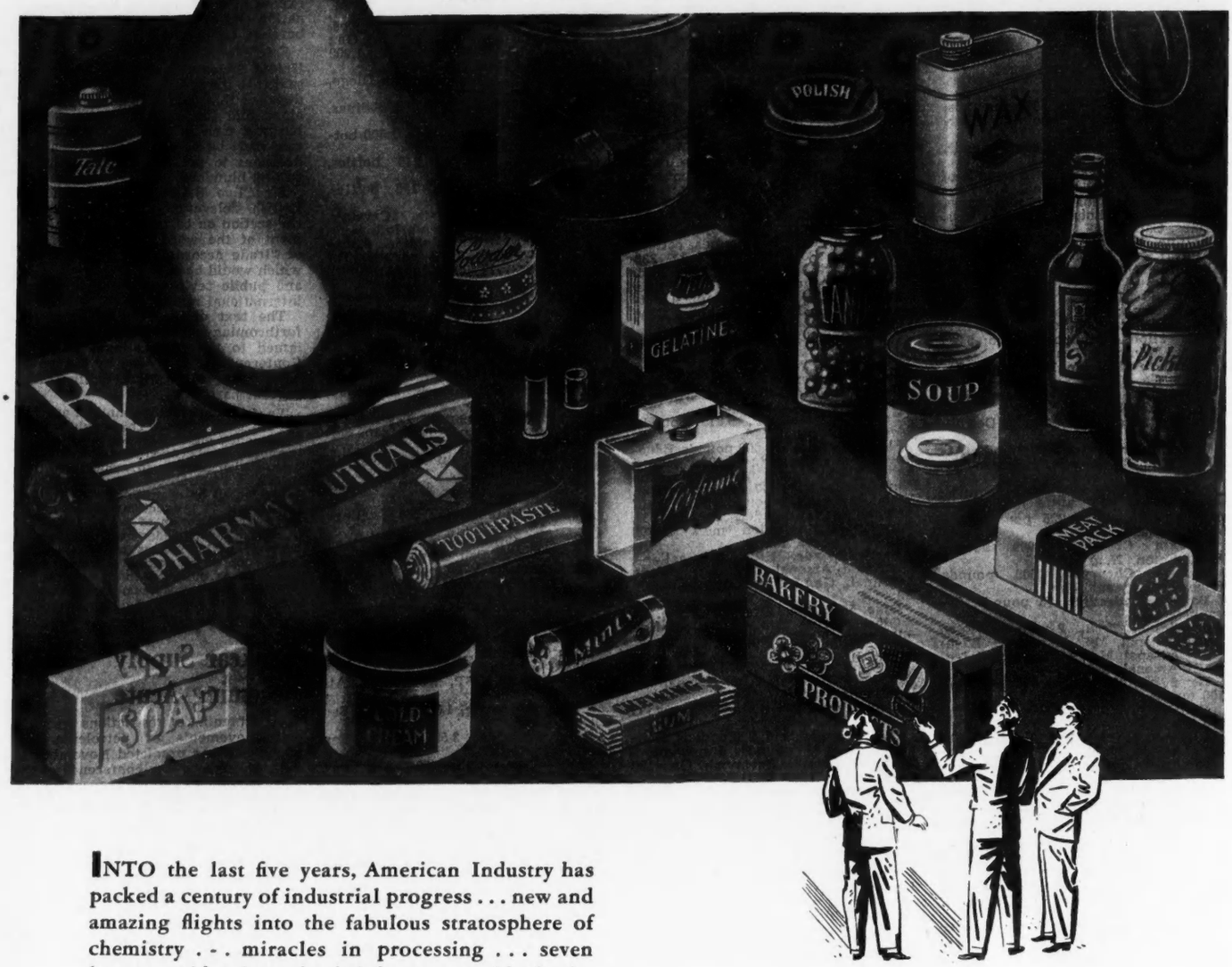
In the case of chemicals it is believed doubtful whether much more can be done than has already been done by the industry. The worst spot in this picture is the available supply of tankcars for the movement of sulphuric acid. Although orders recently were issued for the conversion of 600 petroleum tankcars for transportation of sulphuric acid, these are being assigned for use by the Army and will not in anywise relieve the situation facing producers of sulphuric acid for other users.

Polythene Postwar Uses Described

An expanding field of postwar uses for polythene, a versatile new plastic developed as a superior insulating material in military and naval devices, was forecast today by Dr. J. W. Shackleton, of the Plastics Department of E. I. du Pont de Nemours & Co. The new material can be applied to surfaces by a number of methods as a plastic coating, he told the Society of the Plastics Industry at the Waldorf-Astoria hotel.

OPD—11-20-1944 8

WHAT IS THE ROLE OF *Essential* OILS IN PRODUCTS OF TOMORROW?



INTO the last five years, American Industry has packed a century of industrial progress . . . new and amazing flights into the fabulous stratosphere of chemistry . - . miracles in processing . . . seven league strides into the bright new world of miracle-working materials born in the laboratory.

Today, all this progress is geared to one end—VICTORY . . . *tomorrow,* it will be harnessed by industry to bring new products into being, to broaden markets, to increase sales, *to outrace competition.*

In this competitive post-war world, *Essential Oils* will pay a bigger, more important role. Through the medium of Essential Oils, new flavor sensations will be born, exciting fragrances created, objectionable odors of basic chemical ingredients eliminated so that thousands of products, *new and old,* may be endowed with competition-topping sales appeal.

To all whose products depend upon the sense of smell or taste, MAGNUS. MABEE & REYNARD, INC., offers a half-century of specialized experience with Essential Oils and Basic Perfuming and Flavoring Oils. MM&R research chemists will be happy to cooperate, *without obligation,* to help inject merchandisable odor or flavor personality into your products of today and *tomorrow.*

MAGNUS, MABEE & REYNARD, INC.

QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, BASIC PERFUMES, FLAVORING MATERIALS . . . SINCE 1895

16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LA SALLE STREET, CHICAGO

San Francisco: Braun-Knecht-Heimann-Co. • Los Angeles: Erown Corp. • Seattle, Portland, Spokane: Van Waters & Rogers, Inc. • Canada: Richardson Agencies, Ltd., Toronto

Current Market Quotations Chemicals and Related Materials

November 17, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib., dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs.....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs.....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms....lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., divd. E.*..lb. .08 - —
l.c.l., divd. E.*.....lb. .08½- —
tanks, divd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works.....lb. .90 - —
Acetophenetidin, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms.....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks...lb. .07½- —
Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.38 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks.....100 lbs. 6.93 - 7.25
synth., tech., bbls., works, dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis.lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White)
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1,6] USP, dms., 500-kilo lots..kilo.24.50 - —
50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots, kilo.....kilo.26.41 - —
500 gram.....kilo.27.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up...lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls. works, lb. .95 - —
Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Breeners, bbls.....lb. 1.11 - —
Cacodylic, 5-lb. bots.....lb.22.00 - —
Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., ret. dms.....lb. .21½- .22
Caprylic, tech., ret. dms....lb. .27 - .27½
Castor oil,[2] split, ret. dms..lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .08 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99¼-99¾%, dms., c.l., lb. .16¼- —
l.c.l.....lb. .16¾- .18¼
Cinnamic, refd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l..lb. .22½- —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs.....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms.....lb. .23 - .24
kgs.....lb. .21½- —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,6] dist., dms....lb. .15½- .17½
Corn oil, s.d., dms., c.l., works, lb. .12 - —
Cottonseed oil,[1,6] s.d., dms., c.l..lb. 12 - —
tanks, divd.....lb. .14¾- —
Cresylic,[2,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis...gal. .83 - —
tanks.....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref...gal. .616 - —
1-19 dms., Cal., ref....gal. .510 - —
Sewaren, N. J., reg..gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-248°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref.gal. .686 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .698 - —
tanks, divd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l.....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn.....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40

Glycolic (see Hydroxyacetic).

H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.53 - —
57% bots.....lb. 2.90 - —
Hydrobromic, conc., cbys....lb. .35 - .37
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .10 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
32%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, basic acid content..lb. .08½- —
Hypophosphorous, USP, djns., lb. .75 - .77
Lactic,[6] edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more.. lb. .24¼- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., 95% dms.....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[6] light, dms.....lb. .21½- .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride (See M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24 works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 86°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11¼- —
7-lb. bots.....lb. .21½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11¼- —
smaller lots.....lb. .12½- —
Palm oil,[6] white, dist., dms..lb. No stocks
tanks.....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinemetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, divd., lb. .11¼- —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, divd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns.....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., divd. E..gal. .90 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb .26 - —
100 lbs. to c.l.....lb .33 - —
smaller lots.....lb .34 - .42
USP, bbls., c.l.....lb .28 - —
100 lbs. to c.l.....lb .35 - —
smaller lots.....lb .36 - .44
Sebacic, tech., dms., works...lb. .55 - .57
Soybean oil,[1,6] s.d., dms.....lb. .14½- .15½
tanks, works.....lb. .11 - —
Stearic,[1,6] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .18¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys.lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs.....lb. .71½- —
Thioglycollic, bbls., cbys....lb. 7.10 - 8.25
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.10 - 1.15
Acetic hydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works...lb. .40¼- —
1 drm. to 1 ton, works....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., pharmaceutical, dms., l.c.l., works..lb. .30 - —
cosmetic, dms., l.c.l., works, lb. .31 - —

Adeps lanae prices for primary distributors, f.o.b. St. Louis, lc. higher.

Agar.....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls.lb. 2.13 - 2.19
granular, cryst., bbls....lb. 2.08 - 2.14
tech., cryst., bbls.....lb. 1.55 - 1.60
Alcohol, allyl, dms., c.l., divd.lb. .29 - —
l.c.l., divd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms.....lb. .63 - —
Butyl, normal,[1,6] ferment., Ill., Ind., prod., dms., frt. alld. lb. .1980- —
l.c.l., frt. alld. E...lb. .2080- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E...lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E....lb. .10¾- —

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks.....lb. .11 - —
Capryl, dms., c.l., works....lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, work.....s..lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,3,6] CD14, dms., c.l., divd. E..gal. .54¾- —
19, dms., works, E.....gal. .56½- —
1 to 18 dms., works, E..gal. .59½- —
tanks, E., divd.....gal. .50 - —

Tankcar sales require written authorisation by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19, bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works. gal. .67 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c, per gal. higher.
SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E. gal. .65 - —
tanks, E. works.....gal. .48 - —
SD23C (replaced by SD23H).
SD23H, works, c.l., bbls..gal. .61½- —
19 bbls.....gal. .63½- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49¼- —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works. gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works...gal. .69 - —
tanks, E. works.....gal. .50¼- —

When any of the several SD29 denaturants is supplied by the puchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .53½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms., c.l., divd..lb. .11½- .14½
l.c.l., divd.....lb. .11¾- .15
tanks, divd.....lb. .10¾- .12½
tech., dms., c.l., divd.....lb. .11 - .12½
l.c.l., divd.....lb. .11¾- .14
tanks, divd.....lb. .10¼- .12¾
Ethyl,[6] 190 pf., dms., c.l..gal.17.04½- —
19 dms.....gal.17.68 - —
1 to 18 dms.....gal.17.71 - —
tanks.....gal.17.60 - —
absolute, dms., c.l.....gal.18.62 - —
18 dms.....gal.18.65½- —
1 to 17 dms.....gal.18.68½- —
Ethylhexyl, dms., gal., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, Isobutyl).
Isobutyl,[6] refd., dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Isopropyl,[3,6] refd., 91%, dms., 5 gals., divd..gal. .66½- —
55 gals., c.l., divd....gal. .39 - —
l.c.l., divd.....gal. .43½- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., divd..gal. .65 - —
55 gals., c.l., divd....gal. .44 - —
l.c.l., divd.....gal. .47 - —
tanks, frt. alld.....gal. .37½- —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .62
Propyl, normal, dms., wks..gal. .67 - .76

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis..lb. .44 - —
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18 - .18½
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .55 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .24½
Alphapinene, dms., c.l., wks.gal. .84½- —
l.c.l., works.....gal. .87 - —
tanks, works.....gal. .81½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —

Alum, potash, powd., bbls., works, 100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .67
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[6] com'l, bbls., c.l., works..lb. .08 - .08¼
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AOH_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¾
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works, lb. .17¾- —

Alumina hydroxide, gel, USP purity, conc., contract, works..lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate)
U.S.P. IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7%, Al, 50-gal. dms., works..lb. .18¾- —
Alumina oleate, dms., contract, lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald., 100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald, 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald, 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works..., 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
trihydrate, heavy bgs., wks., lb. .024 - .035
Aluminum, 98-99% [3,5,6], c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
paste, lining, extra fine, 200-dm..lb. .36 - .69
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .38 - —

Aluminum powder, lining extra fine, 150-lb dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm., lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 24,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz. 13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald., ton. 52.00 - —
refrigeration, tanks, wks..ton. 69.00 - —
pure, cyls.....lb. .14½- —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton. 65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .08¼- .09¼
cns. .....lb. .14¼- .17¼
powdered 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs., lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.85 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, bgs., c.l., shipping points..ton. 50.00 - —
bulk, same basis....ton. 46.00 - —
tech, bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08¼
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08¼
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride,[6] bbls.....lb. .15 - .16
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18¼- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton. 28.20 - —
Atlantic coast ports..ton. 29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07¼- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .08 - —
yellow, 33%, cbys., works....lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .16½
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .81 - —
Salicylate, bots.....lb. 1.20 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica atropurpurea root, dms., lbs..lb. .80 - 1.35
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½- .29
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs.....lb. .18 - .18½
Syrian, bgs.....lb. .20½- .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .84 - .89
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14¼- .17½
Needle,[1] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22

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MAINTAINS CONSTANT VISCOSITY
PRODUCES CONSISTENT RESULTS

From the original formulation to the actual application in your product, Methocel is stable. Its rugged film-forming qualities—its wide viscosity range and chemical compatibility—"hold up" under the most exacting requirements. Whether in its original solid form or in liquid, Methocel maintains constant chemical stability. Odorless, colorless and nontoxic, this water soluble material is also resistant to alkalies, dilute acids, fermentation and mold growth.

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Continuous films that can be obtained upon drying emphasize the wide range of usefulness of Methocel in cosmetic and pharmaceutical products. Particularly in protective hand creams, cosmetic stockings, and hair lacquers, this pliable, protective film-forming ability is proving advantageous. This property is rarely, if ever, found in other water soluble thickeners.

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Chemicals

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TELEPHONE LEXINGTON 2-3324

Antimony oxide,[1,6] ceramic grade, bgs., c.l. ..lb. .15 - —
l.c.l. ..lb. .15½- —
paint grade, c.l. ..lb. .16¾- —
l.c.l. ..lb. .16¾- —
Salt,[1] 65%, bbls., divd. E. of Miss. River ..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.,, works ..lb. .17 - —
l.c.l., works ..lb. .17½- —
Antipyrine, bbls., kgs., ton ..lb. 2.00 - —
smaller lots ..lb. 2.10 - 2.20
Apomorphine, bots. ..oz. 23.20 -23.70
Apple Syrup,[1] bbls. ..lb. .14 - .16
Archil extract, bbls. ..lb. No stocks
Areca nuts, powd., bbls. ..lb. .23 - .24
Arecoline hydrobromide, bots. ..oz. 6.50 -11.75
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity. 70.00 -72.00
Arnica flowers, bls. ..lb. 2.35 - 2.45
Arrowroot, powd., bgs., bbls. ..lb. .10 - .10½
Arsenic,[6] metal, lump, c.l. ..lb. No prices
Chloride (arsenous), bots. ..lb. 1.55 - —
Iodide (arsenous), 5-lb. bots. ..lb. 5.5& - —
jars ..lb. 5.43 - —
Arsenic sulphide, yellow, bbls. ..lb. .52 - .5&
bots. ..lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l. ..lb. .04 - —
l.c.l. ..lb. .04¾- —
Asafetida, cs. ..lb. .45 - .68
powd., bbls., dms. ..lb. .&5 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis ..ton.44.60 - —
6D, bgs., same basis ..ton.53.00 - —
7D, bgs., same basis ..ton.28.50 - —
7F, bgs., same basis ..ton.26.50 - —
7H, bgs., same basis ..ton.27.50 - —
7K, bgs., same basis ..ton.19.00 - —
7M, bgs., same basis ..ton.16.50 - —
7R, bgs., same basis ..ton.15.50 - —

Asphaltum, Manjak No. 10, crude, dms., works ..lb. .05½- .12
process form, bgs., wks. ..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines ..ton.30.50 - —
Barbados, Dunellen, N. J. ..lb. .10½- —
California, dms., c.l. ..ton.36.40 - —
c.l. ..ton.41.40 - —
Cuban A, bulk, c.l., N. Y. ..ton.60.00 - —
l.c.l., same basis ..ton.&0.00 - —
B, bulk, c.l., N. Y. ..ton.38.50 - —
l.c.l., same basis ..ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill. ..lb. .08 - —
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines ..ton.32.90 - —
290-295° F. fusing point, bgs., mines ..ton.30.50 - —
270° F. fusing point, bgs., mines ..ton.30.50 - —
seconds, 870-890 F. fusing point, not uniform, bgs., mines ..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght. Colo. mines ..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy ..ton.21.00 - —
l.c.l., same basis ..ton.21.00 -23.00
tanks, same basis ..ton.16.00 - —
Atropine, bots. ..oz. 7.85 - —
Sulphate, bots. ..oz. 6.50 - 6.75

B

Balm of Gilead buds, bgs ..lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs ..lb. No stocks
Barbital, dms. ..lb. 3.50 - 3.60
sodium, dms. ..lb. 3.75 - —

Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works ..ton.43.00 - —
precip., bgs., c.l., works ..ton.60.00 -70.00
l.c.l., works ..ton.65.00 -75.00
bbls., c.l., works ..ton.65.00 -75.00
l.c.l., works ..ton.70.00 -80.00
Chlorate,[6] kgs. ..lb. .38 - —
Chloride, CP, cryst., bbls. ..lb. .25 - .27
pure, bbls., kgs. ..lb. .10 - .12
tech., cryst., bgs., c.l., works. ton73.00 - —
l.c.l., same basis ..ton.78.00 - —
bbls., c.l., same basis ..ton.75.00 - —
l.c.l., same basis ..ton.80.00 - —
Dioxide, dms., c.l., works ..lb. .10 - —
l.c.l., works ..lb. .12 - .13
Fluoride, bbls. ..lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works ..lb. .06 - .07
Iodide, bots. ..lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works ..lb. .09½- .11
l.c.l., works ..lb. .10 - .11½
Oxide, dms., c.l., works ..lb. .08 - —
l.c.l., same basis ..lb. .10 - .12
grd., dms., l.c.l., works ..lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls. ..lb. .17 - .19
Stearate, ctns., 1 ton up ..lb. .31 - —
smaller lots ..lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls. ..lb. .09½- .10
kgs ..lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis ..ton.27.65 - —
l.c.l., same basis ..ton.28.65 - —
ex whse., N. Y. ..ton.36.00 - —
paper bags, c.l., St. Louis ..ton.25.35 - —
l.c.l., same basis ..ton.26.35 - —
ex whse., N. Y. ..ton.34.00 - —
Southern, off-color, bgs., mines. ton.17.50 - —
95.75%, bgs., mines ..ton.18.00 - —
Ore, approx. 94% Ba SO_4, bulk, mines ..ton. 8.50 - —

Bauxite,[6] blk, mines ..ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs. ..lb. .12 - .13
Belladonna leaves, bls. ..lb. .90 - .95
Root, bls. ..lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works ..ton.16.00 - —
Benzaldehyde,[6] NF, dms. ..lb. .85 - 1.25
tech., cbys., dms. ..lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls. ..lb. 75
Benzocaine, cns. ..lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works. gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal. ..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo. ..gal. .15 - —
Benzophenone, dms. ..lb. 1.15 - 1.20
Benzoyl chloride, cbys. ..lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works ..lb. 1.95 - —
Benzyl acetate, f.f.c., cns. ..lb. .59 Nom.
dms. ..lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms. ..lb. 1.00 - 1.10
Chloride, cbys., frt. equald. ..lb. .22 - .24
Cinnamate, cns. ..lb. 5.15 - 5.50
Formate, cns. ..lb. 3.00 - 3.50
Isoeugenol, bots. ..lb. 9.50 - —
Propionate, bots. ..lb. 1.85 - 2.50
Salicylate, bots. ..lb. 1.90 - 2.15
Benzylidinacetone, bots. ..lb. 2.00 - 2.50
Berberine bisulphate, cns. ..lb. No stocks
Hydrochloride, bots. ..lb. No stocks
Sulphate, cns. ..lb. No stocks
Berberis root, bls. ..lb. .28 - .30
Betanaphthol, resublimed, dms., works ..lb. .55 - .60
tech., bbls., c.l., works ..lb. .23 - —
l.c.l., works ..lb. .24 - —
Benzoate, fib. dms., works ..lb. 1.75 - —
Salicylate, dms. ..lb. 5.00 - —
Betanaphthylamine, tech., works. lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks ..lb. 1.60 - —
l.c.l., same basis ..lb. 1.85 - —
95%, same basis ..lb. 2.05 - —
98-99%, same basis ..lb. 2.20 - —
Beth root, bls ..lb. .45 - .46
Bismuth[6] chloride, bots. ..lb. 3.00 - —
jars ..lb. 2.85 - —
Citrate, USP VIII, bots. ..lb. 2.81 - 2.86
jars ..lb. 2.75 - —
Hydroxide, bots. ..lb. 3.41 - 3.46
cns. ..lb. 3.35 - —
Metal, ton lots ..lb. 1.25 - —
Nitrate, cryst., bots. ..lb. 1.41 - 1.46
cns. ..lb. 1.30 - —
Oxychloride, bots. ..lb. 3.14 - 3.19
cns., kgs ..lb. 3.10 - —
Subbenzoate, bots. ..lb. 3.51 - —
fib. dms. ..lb. 3.40 - —
Subcarbonate, USP, bbls., dms. ..lb. 1.50 - 1.53
bots., cns. ..lb. 1.59 - 1.63
X-ray, 5-lb. bots. ..lb. 2.79 - —
fib. dms. ..lb. 2.73 - —
Subgallate, NF, bots., cns. ..lb. 1.49 - 1.53
fib. dms. ..lb. 1.40 - 1.43
Subiodide, bots. ..lb. 4.19 - 4.25
fib. dms. ..lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms. ..lb. 1.20 - 1.23
bots. ..lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms. ..lb. 2.50 - —
bots., cns. ..lb. 2.51 - 2.59
Sulphocarbolate, bots. ..lb. 3.71 - 3.75
fib. dms. ..lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms. ..lb. 3.40 - —
cns. ..lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works ..lb. .22 - —
l.c.l., works ..lb. .23 - —
Black, acetylene,[2] bgs., c.l., works ..lb. .14 - —
l.c.l., same basis ..lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E. ..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08¼- —
400A, bgs., bbls., c.l., same basis ..lb. .08¼- —
457, bgs., bbls., c.l., same basis ..lb. .11¼- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1¼c. higher.
Carbon,[6] heads, compressed, bgs., c.l., works ..lb. .03550- —
bgs., ctns., l.c.l., divd. or whse. ..lb. .07½- —
regular, uncompressed, bgs., c.l., works ..lb. .03625- —
bgs., ctns., l.c.l., divd. or whse. ..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works ..lb. .08½- —
Lamp, 1, ctns., works ..lb. .08½- —
l.c.l., works ..lb. .09 - —
2, ctns., c.l., works ..lb. .10 - —
l.c.l., works ..lb. .11 - —
2A, ctns., c.l., works ..lb. .12 - —
l.c.l., works ..lb. .13½- —
3, ctns., c.l., works ..lb. .14¼- —
l.c.l., works ..lb. .15¼- —
4, ctns., c.l., works ..lb. .16¼- —
l.c.l., works ..lb. .17½- —
5, ctns., c.l., works ..lb. .20 - —
l.c.l., works ..lb. .26 - —
6, ctns., c.l., works ..lb. .26½- —
l.c.l., works ..lb. .27½- —
7, ctns., c.l., works ..lb. .37½- —
l.c.l., works ..lb. .38½- —
Mineral, vine type, bbls., l.c.l., works ..lb. .04¾- —
Vine A, bbls ..lb. .04½- .04
B, bbls ..lb. .05¾- —
kegs ..lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls ..lb. .95 - 1.00
Tree bark, bls ..lb. .40 - .45
Black Indian hemp root, bls ..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works ..ton.60.00 - —
l.c.l., works ..ton.67.50 - —
direct process, bgs., c.l., works. ton.70.00 - —
l.c.l., works ..ton.75.00 - —
bbls., c.l., works ..ton.75.00 - —
l.c.l., works ..ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis ..ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works ..100 lbs. 2.50 - 2.10
l.c.l., works ..100 lbs. 2.75 - 3.00
Blood,[1] dried, 16-16½% ammon., bgs. unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago ..lb. .13¼- —
smaller lots, Chicago ..lb. 15 20
Bloodroot, bls ..lb. .70 - .80
Blue,[1] alkali, dry, bbls., divd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
toner, bbls., same basis ..lb. .85 - .90

FOR ALL-AROUND **VERSATILITY...**

CALCO CHROME YELLOW MEDIUM 40-4480

It takes all kinds of chrome yellow pigments to make up the paint industry's requirements, but Calco's Chrome Yellow Medium 40-4480 is the all-around, all-purpose favorite because of its many useful characteristics.

Well adapted to many industrial and commercial finishes, Calco Chrome Yellow Medium 40-4480 is characterized by good weathering and light fastness, easy grinding, baking stability and clearness of masstone.

The manufacturer of fine finishes will find in Calco Chrome Yellow pigments* a line equal to his standards for lasting quality.

Here are four of the Calco Quality Standards

CHROME YELLOW PRIMROSE 40-1450
CHROME YELLOW LEMON 40-2450
CHROME YELLOW LIGHT 40-3615
CHROME YELLOW MEDIUM 40-4480

COLORS BY CALCO

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NEWS!

Monsanto Cyclohexyl Levulinate is available in quantities sufficient for your experimentation. It may be considered either as a high-boiling solvent or as a somewhat volatile plasticizer. Cyclohexyl Levulinate, a powerful solvent, dissolves many base plastics without the use of heat. It remains fluid at extremely low temperatures, an important property in solvent and in plasticizer fields.

We suggest you check over the properties of Monsanto Cyclohexyl Levulinate, printed below. If you see possible applications to your products, we shall be glad to send you complete details and a sample at no cost and without obligation on your part. The coupon is for your convenience.

CYCLOHEXYL LEVULINATE

Description and Properties

Formula	$CH_3.CO.(CH_2)_2.COOC_6H_{11}$
Molecular Weight	198
Appearance	Mobile liquid
Specific Gravity at 25°/25°C.	1.0246 — 1.0256
Pounds per Gallon	8.54
Bulking Value	0.1171 gallons per pound
Boiling Point	100° — 102° at 0.8 mm. Approx. 265°C. at 760 mm.
Flash Point	130°C. (266°F.)
Crystallizing Point	Fluid at −70°C. (−94°F.)
Refractive Index at 25°C.	1.4568 — 1.4574

MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

SAMPLE FREE

Monsanto Chemical Company,
Development Department,
Organic Chemicals Division,
1700 S. Second St., St. Louis 4, Mo.

Please send further information and sample of Monsanto Cyclohexyl Levulinate.

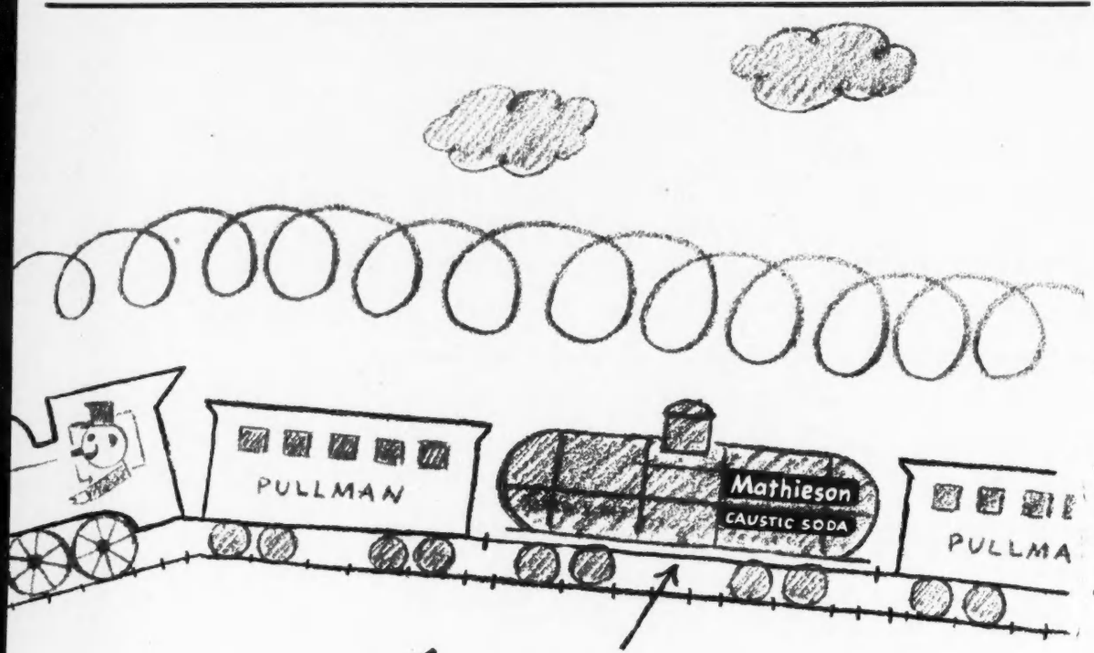
Name_____

Company_____

Street_____ Zone____ State____

City_____

Blue, celestial, bbls., same basis, lb. .10 - .12
Cobalt,[5] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
50%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 -
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
Blue, violet, tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. No stocks
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.36.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[3] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse..ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
Borax, tech., 99½%, powd., bgs., c.l., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same a basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[3] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works.lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works.lb. .08¾- .10¾
Brown, Sienna, raw, American, bbls., works..lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, American, bbls., works, lb. .03¾- —
Italian type, bbls., works.lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .72 - .73
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½- —
Butyl acetate, normal,[1,8] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
secondary,[1,8] dms., c.l., divd. E. of Miss R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R. ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Proprionate, dms., divd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —



it hasn't happened yet.

NO, we haven't yet had to attempt passenger train service to meet delivery schedules for war-vital Mathieson Caustic Soda. The great Mathieson fleet of tank cars rides the rails with guns, tanks, airplane parts—definitely travels first-class.

And no Pullman car is more carefully groomed between trips than a Mathieson Liquid Caustic tank car. Each is minutely inspected and cleaned at our own car shops—checked to assure fast delivery of clean, pure caustic for the thousand-fold job it does to speed Victory. Yes—because of the grand job the railroads are doing to move war supplies and Mathieson's attention to important details—it's first-class transportation for a top-class product!

Mathieson
CHEMICALS

THE MATHIESON ALKALI WORKS (INC.) 60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC SODA..SODA ASH..BICARBONATE OF SODA..LIQUID CHLORINE..BLEACHING POWDER..H T H PRODUCTS..AMMONIA, ANHYDROUS & AQUA..FUSED ALKALI PRODUCTS..SYNTHETIC SALT CAKE..DRY ICE..CARBONIC GAS..SODIUM CHLORITE PRODUCTS..SODIUM METHYLATE

C

Cadmium bromide,[6] bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,5] pat. shapes, cs., divd. lb. .85 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine[1,6] dms., makers primary distrib., 100 lbs. or more, lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots.....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., divd.... 100 lbs. 3.00 - 4.00
Arsenate,[8] bgs., c.l., whse., works, frt. alld.lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08¼
Bromide, jars.....lb. .65 - .70
Carbide,[1,8] dms., c.l., works, ton.50.00 - —
divd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., 15 tons, divd...ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
puri[1]ed, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., divd. ton.18.00 -31.50
l.c.l., 15 tons, divd..ton.21.45 -25.45
73-75%, 5-ton lots.....ton.24.85 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, dense, fluffy, dm.lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05¼- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .36 - .28

Calcium sulphate (see Gypsum).
Sulphide, 70% bgs., c.l., works.
ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms.
lb. .13¼- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works.
lb. 1.50 - 1.75
Calendula flowers, bls.....lb. No stocks
Calomel,[2] bbls., dms.....lb. 1.88 - 1.60
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works.
lb. .42 - —
Camphor, tech., 10 bbls. (1,500 lbs.)..lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .56
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Californian, bgs., lb. .72 - .73
Canadian, bgs.....lb. .74 - .76
Morocco, dewhiskered, bgs...lb. .69 - .70
Spanish, dewhiskered, bgs...lb. .70 - .72
Syrian, dewhiskered, bgs....lb. No stocks
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis.
lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l.
lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .60 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
Carbon tetrachloride, tech., Zone 4, 5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, bold, cs., lb. 1.20 - 1.25
medium, cs.....lb. 1.08 - 1.15
coorg clipped, cs.....lb. .50 - .55
decorticated, cs.....lb. .75 - .80
green, bgs.....lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carvol, bots.....lb. 22.50 -23.00
Cascara sagrada bark, bulk...lb. .32 - .35
Case hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis.
lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .23½- —
20 to 99, same basis....lb. .25¾- —
less than 20 bgs.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .17 - .18½
rennet-precip., unground, bgs., 100 bgs. or more..lb. .19½- .20
Cassia[1] .....lb. No stocks
Cassia fistula, bskts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton.58.00 -60.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.50 -13.00
synth., bots.....lb.19.00 - —
Catechol, CP, cryst., works, fib. dms., tin..lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .65 - .66
Celery seed,[1] Indian, bgs.....lb. .18 - .18½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis.lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02⅞- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works. ton.30.00 - —
Chamomile, Hungary type, cs..lb. .45 - .50
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South..ton.30.20 - —
l.c.l., same basis.....ton.41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works..100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tanks, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd, air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.16.00 - —
bulk, c.l., works...ton. 7.60 - —
China clay, dom., dry-grd., air-float, 99¾%, 200 mesh, bgs., c.l., wks..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silk-bolt 99.9%, 325 mesh, bulk, c.l., works... ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
China clay, import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila...ton.19.00 -24.00
powd., cks., l.c.l., ex whse.ton.41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[8] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[5,6] liquid, cyls., c.l.lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks. frt. equald..100 lbs. 2.50 - —
1, wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms..lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Cake, bulk, c.l., works.....ton.16.00 - —
Chrome ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots. .....lb. 6.03 - 6.09
Cinchona bark,[8] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½[9]
sulphate, NF, cns., 100 ozs.. oz. .89 + .13½[9]

[9] Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½[9]
large cryst., cns., 100 ozs.oz. .66 + .13½[9]
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½[9]

[9] Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots.....lb. 3.70 - 3.80
dms. .....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment, jars.....lb. .91 - 1.11
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Madagascar, futures, bls. bls..lb. .16¾- .16¾
Zanzibar, futures, bgs.....lb. .16¾- .16¾
Clover tops, red, bgs.....lb. .55 - .60
Coaltar,[6] coal-gas, crude, bbls., l.c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works....bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .81 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., kgs...lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls.....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks
Cochicum seed.....lb. No stocks

SPOT DELIVERIES

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CAUSTIC POTASH

MENTHOL Not USP

MAGNESIUM METAL POWDER

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Collodion, USP, dms.....lb. .19½- .20¼
cns. .....lb. .23 - .29½
flexible, USP, dms.....lb. .21 - .22
cns. .....lb. .25 - .31
Colocynth pulp, bis.....lb. .60 - .65
Colombo root, bis.....lb. .19 - .20
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Peru, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., works..lb. .25¼- —
smaller containers, wks..lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19½- .20½
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,3,5] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. drms..lb. .15 - .17
Nitrate,[7] tech., cryst., bbls..lb. .19¼- .20¼
Oleate, precip., bbls.....lb. .22½- .23½
Oxide,[6] black, bbls., works..lb. .19 - .20
red, com'l, bbls.....lb. .21¼- .24½
Copper oxychloride-sulphate,[6] bgs. lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. drms..lb. .15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs., in drms., c.l., dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs.10.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25, works....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13¼ Nom.

Cornsilk, bis.....lb. .24 - .25
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l.....100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l....100 lbs. 4.221 - —
43°, bbls., c.l.....100 lbs. 4.271 - —
Corrosive sublimate,[5] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bis.....lb. .22 - .25
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bis.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls. ,5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½- —
Creosote carbonate, bots., cbys. lb. 2.10 - 2.39
Coaltar, oil,[2] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys.....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald. lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½

Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l... 100 lbs. 9 50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bis.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.62½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

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Dandelion root, bis.....lb. .40 - .45
Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —

Deertongue, bis.....lb. .42 - .48
Defluorinated phosphate,[3] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls...lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bis.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs, c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Diamyl phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2640- .2900
7-gal. cns., same basis..lb. .2340- .2109
dms., c.l., same basis....lb. .2080- .2259
l.c.l., same basis.....lb. .2240- .2509
tanks, same basis.....lb. .1990- .2259
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
lc.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., c.l., wks. lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .12½- .13
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylaniliin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol).
Dinitrobenzene, bbls., 80° min..lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
single dist., dms., dlvd. E..gal. .55 - .58
tanks, dlvd. E.....gal. .53 - —
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .45 - .50
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .08 - .10
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs and cosmetics)—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1 cns. lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —

Enemies in an Undeclared War

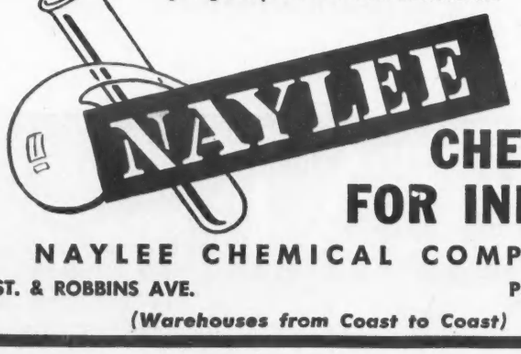
NAYLEE
NAYPAR
CHLORINATED PARAFFIN
FOR
FIREPROOF
WATERPROOF
AND
MILDEW-PROOF
COATINGS

One of the biggest selling points postwar textiles and fabrics can offer is being tried and proved now on our farflung battlefronts, from the merciless tropical heat of New Guinea and Africa to the icy wastes of the Aleutians.

Today NAYLEE NAYPAR CHLORINATED PARAFFIN is helping safeguard Allied lives and matériel against the ravages of fire, water and mildew. Tomorrow it will help protect many different types of products against these same destructive forces.

The need for fabric treated so as to render it resistant to fire, water and mildew, demanded improved Techniques. Tested and approved—successfully used in the impregnation, along with other pigments, of millions of yards of canvas, duck, and other textiles, for the armed forces, **Naypar** has demonstrated its dependability under the most trying conditions.

Now **Naypar** is ready to do a job for you—the fact that it is noted for its stability, uniformity and compatibility and is miscible in a wide range of solvents makes possible a much broader application for chlorinated paraffin, which indicates many new uses in other fields. Consult us with your problems. Our chemists may be able to help you to determine the suitability of **Naypar** to your product. WRITE for FREE, informative folder giving complete Technical information.



CHEMICALS FOR INDUSTRY

NAYLEE CHEMICAL COMPANY

MILNOR ST. & ROBBINS AVE. PHILADELPHIA 35, PA.

(Warehouses from Coast to Coast)

Dyes, coaltar (certified colors for drugs and cosmetics)—

Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns...lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow D&C yellow, No. 7, cns...lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —

Dyes, coaltar (certified colors for external use, drugs and cosmetics—

Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.12.35 - —
Ext. D&C red, No. 8, cns..lb. 7.35 - —
Ext. D&C red, No. 10, cns..lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—

36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B..lb. .80 - .85
326 Direct fast scarlet..lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
496 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
531 Direct black EW.....lb. .50 - .54
532 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Black—
865 Nigrosin derivatives..lb. .38 - .44

Blue—
1075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —

Brown—
Brown .....lb. 1.15 - —

Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —

Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —

Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
690 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —

Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Blue—
714 Patent blue A.....lb. 1.05 - 1.10

Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —

Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
934 Methylene green B...lb. 1.53 - —
1078 Alizarin cyanin green.lb. 2.00 - —

Orange—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —

Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse.

677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
763 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —

Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Yellow—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrasin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Black—
864 Nigrosin .....lb. .36 - .44

Blue—
860 Indulin .....lb. .60 - .70

Brown—
331 Bismarck brown.....lb. 1.50 - —

Green—
637 Malachite green base.lb. 2.00 - —

Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —

Red—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —

Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —

Violet—
680 Methyl violet base....lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .90 - .95
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.10 - 1.14
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .55 - .60
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
Ephedrine, synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs., oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots .....100 lbs. 2.85 - —
Epsom salt, dried, bgs., l.c.l..lb. .08 - .09
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, dms.....lb. 1.40 - 1.45
Esserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Ether, sulphuric, conc., dms..lb. .11 - .16
USP anesthesia, hospitals, 1-lb.cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[3,6] 85-90%, dms., c.l., frt. alld..lb. .1170- .1275
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt .alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1276- .1385
tanks, frt. alld.....lb. .1123- .1265
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works. lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.35
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —

LOOKING FOR THE

Right Protective Packaging

FOR YOUR NEW POSTWAR PRODUCT?

When your new product for the big postwar market is ready, you'll need the right package.

IF your product is in pulverized, powdered, granular, pebble, crystal or lump form, and . . .

IF it must be protected against moisture loss or absorption, loss of aroma, absorption of odors, dirt, sifting or contamination . . .

Chances are your product should be packed in a Bemis Waterproof Bag.

For years Bemis Waterproof Bags have been widely used for crude and processed products of many kinds, such as chemicals, animal, poultry and human foods, fertilizers, etc. The host of pending new products will multiply their field of usefulness.

Bemis Waterproof Bags are tailored to your exact needs—not only as to size, but also to meet your product requirements. The tough, closely woven outer fabric is bonded, with special adhesives, to one or more layers of paper in order to produce the ideal shipping container for your product.

The Bemis Shipping Research Laboratory is your assurance that the right specifications will be determined and that the components of the bag will always meet those specifications. As a preliminary step why not send the coupon today for the booklet—"A Guide to More Efficient Shipping." Then, if you wish, one of our representatives will, without obligation, call on you to discuss your packaging requirements.

IT'S A MONEY-SAVING PLAN, TOO!

Every dollar you save is reflected in your balance sheet . . . and using Bemis Waterproof Bags will save many dollars for you.

In the first place, they cost less than other containers providing comparable protection. Then, they save storage space either when filled or empty. And there's economy in the lower shipping weight.

Thrifty? Man, you said it!

WATERPROOF DEPARTMENT

BEMIS BRO. BAG CO.

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Please send your special booklet, "A Guide to More Efficient Shipping," and details about use of Bemis Waterproof Bags for _____ (PRODUCT)

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Street Address _____

City _____ *State* _____

Mark for the attention of _____

Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[8] dms., c.l., works, E. of Rockies, frt. alld..lb. .0645- —
West of Rockies, same basis..lb. .0691- —
l.c.l., works, E. of Rockies, same basis..lb. .0691- —
West of Rockies, same basis..lb. .0741- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Trichloride (see Trichloroethane).
Ethylenegiycol,[3,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, d m s., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., dms.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether, dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, d m s., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine, hydrochloride, bots..oz.10.50 -10.75

Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more, lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min., 2 tons.....ton.17.00 -30.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 -12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works..ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., same basis.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir, balsam, Canada, cns....gal.16.50 -17.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fisholls (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Flaxseed, French type, black, bgs..lb. .62 - .64
Indian, blonde, bgs.....lb. .11½- .14

Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,3,6] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. .70 - .75
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago.....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works, lb. .15½- —
dms., cns., l.c.l., works..lb. .18 - .25½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., dms., cns.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs.. lb. No stocks
extract, bbls.....lb. No stocks

Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05⅝- —
Bayonne, 70-74 oct., tanks... gal. 09075- —
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05⅝- .06⅛
Group 3, 70-74 octane, tanks, gal. .06⅛- .06⅜
natural, 26-70, tanks....gal. .04⅝- .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05⅝- .06
Pennsylvania, western, U. S. motor, 70-74 octane, leaded, tanks..gal. .07⅜- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Gelsemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96%, cns., dms...lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .26½- .27
Cochin, bleached, bgs.....lb. .27½- .28
unbleached, bgs.....lb. .23½- .24
Jamaica, No. 1, bgs.....lb. .25 - .26
No. 2, bgs.....lb. .23½- .24
No. 3, bgs.....lb. .23 - .23¼
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[6] producers', calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
Hide, producers',[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls., ½c. over bags.
Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soaplye, 80%, tanks.....lb. .10 - —
dynamite, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14¼- —
high gravity, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15½- —
l.c.l. .....lb. .15⅝- —
tanks .....lb. .15 - —
B.P., 98%, dms., c.l.....lb. .15⅝- —
l.c.l. .....lb. .16¼- —
tanks .....lb. .15½- —
yellow, distilled, dms. c.l...lb. .14⅜- —
l.c.l. .....lb. .14⅞- —
tanks .....lb. .14⅛- —
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots. oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.25 - 7.50
powd., bxs.....lb. 7.50 - 7.75
Grains of Paradise, bgs.....lb. .30 - .37
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., basis lb. .04½- —
70-75%, bgs., same basis lb. .05 - —
75-80%, bgs., same basis lb. .05½- —
80-85%, bgs., same basis lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,5] house, loose.....lb. .08¼- —
white, choice, loose.....lb. .08⅝- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis..lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Chrome oxide,[6] pure, dms., works..lb. .24 - —

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Known for their exceptional purity... even, fluffy texture and freedom from all traces of "greasy" lumps, Witco's Calcium, Aluminum and Zinc Stearates are composed of finely graded metallic oxides processed with high-test stearic acids. Highly uniform in quality, they are unexcelled for their various uses...

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WITCO ALUMINUM STEARATE, because of its high degree of transparency, is widely used by the paint, printing ink and petroleum industries.

WITCO ZINC STEARATE, because of its exceptionally fine and even texture, is particularly adaptable as a mold lubricant in the rubber and plastic industries.

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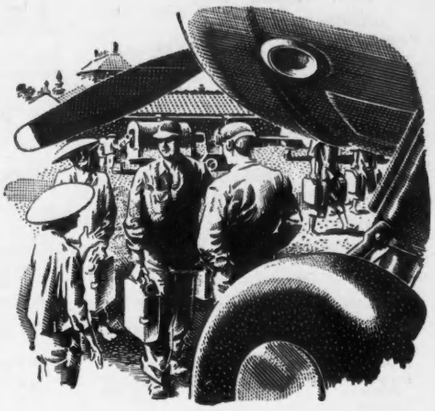


IN CHINA, our fliers have to stretch supplies and make every plane do the work of two. One thing that helps is special aviation motor oil of extra high film strength that sustains prolonged engine operation. A basic ingredient of many of these oils is Lindol*, an organic phosphate, pioneered by Celanese.

Lindol, one of these days, will enable you to have a better oil for your car or plane—and think of the industrial uses! Non-flammable, pressure and heat resistant, it will provide an ideal fluid for sealing and lubricating many kinds of machinery where heat, flame and pressure are problems.

VIMLITE*—shatter-proof, flexible, translucent glazing plastic—is in the windows of a lot of Aleutian barracks right now.

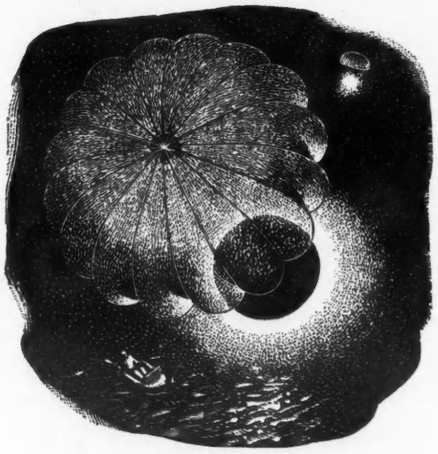
What an excellent glazing material for "roll-up" garage doors, greenhouses, sun decks, animal and poultry buildings. As an additional advantage, it transmits healthful ultra-violet rays.

• • •

TODAY, meeting war needs is the job of all production. But from this greatest proving ground of all time a valuable backlog of research and product development has accumulated for future use. This is particularly true of all three Celanese divisions—textiles, plastics and chemicals. Many new synthetic materials for industry . . . many brand new applications . . . and a lot of excellent ideas. Celanese Corporation of America, 180 Madison Avenue, New York City 16.

WHEN THE INVADING AMERICANS wade ashore, many of their guns are encased in a sheath of flexible, transparent, water-proof Lumarith* V.N., a Celanese plastic, that will float the weapon if dropped in the sea—that protects them against water and keeps every gun ready for *instant* firing. The trigger can be pressed through the pliant Lumarith wrap, itself, in the emergency.

Think of the applications—in packaging, and for waterproof apparel, housewares and home decoration—that will come from just this single type of war-proved Lumarith elastomeric plastic.



FLARE PARACHUTES turn night into day somewhere over the Pacific. Many of them are made of Fortisan*—the world's strongest yarn—developed by Celanese just about the time it was needed by the air forces. Not only strong, it is also amazingly light in weight.

Imagine the postwar uses for such a revolutionary new synthetic textile! Lingerie, draperies, evening gowns...umbrellas, tire cords, men's apparel . . . where can you stop?

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Green, malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls. ....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....oz. 3.00 - —
emerald, kgs. .....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .20 - .22
Guaiac resin, cs.....lb. .48 - .49
Wood, bls. .....lb. .05 - .06
Guaiacol, carbonate, fib. dms..lb. 2.40 - 2.74
liquid, dms. .....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots .....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs...lb. .11½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs. .....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15⅞- —
36, bgs., same basis....lb. .12⅝- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¼- —
39, bgs., same basis....lb. .10⅝- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11⅝- —

Gum, copal, Congo, unsorted, No. 1, bgs., same basis..lb. .14⅜- —
2, bgs., c.l., same basis..lb. .12⅜- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis..lb. .14⅜- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis..lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis..lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅝- —
chips, same basis....lb. .11½- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .23⅜- —
chips, same basis...lb. .11¾- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16⅝- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07⅝- —
MA, same basis.....lb. .09⅝- —
MB, same basis.....lb. .06¼- —
WS, bgs., same basis...lb. .11⅜- —
Manila, Boeas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13⅜- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12⅜- —
DBB, same basis.....lb. .11 - —

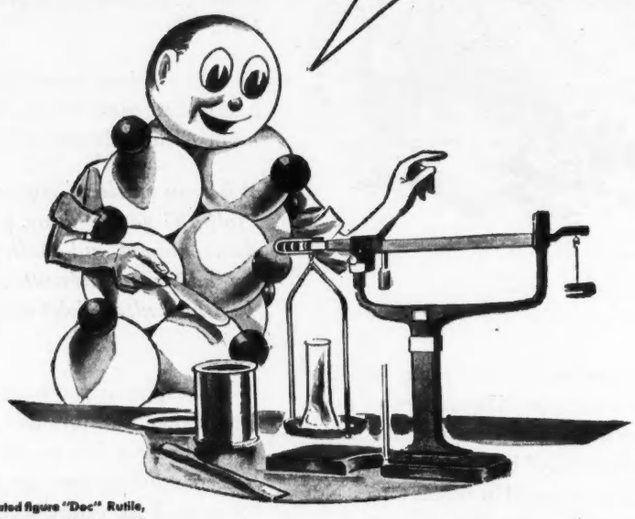
Gum, copal, Congo, Manila, loba, DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅝- —
dust, same basis.....lb. .07⅛- —
MB, same basis.....lb. .06¾- —
WS, same basis.....lb. .11⅜- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis lb. .15½- —
dust, same basis.....lb. .07⅝- —
whse., entry point, c.l. lb. .06⅞- —
Philippine,[1] Manila, extra bold, pale, scraped, bskts., same basis..lb. .15 - —
sorts, same basis.....lb. .12⅜- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis.lb. .13⅜- —
seeds, dust, same basis...lb. .08⅜- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅛- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅜- —
mixed, same basis.....lb. .17⅜- —
chips, small, same basis..lb. .12⅜- —
cuttings of split, same basis. lb. .19¼- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35⅞- —
A/C, same basis.....lb. .31¼- —
A/D same basis.....lb. .28⅜- —
A/E, same basis.....lb. .25⅜- —
B, same basis.....lb. .34⅜- —
C, same basis.....lb. .28⅜- —
D, same basis.....lb. .25⅜- —
E, same basis.....lb. .18⅜- —
F, same basis.....lb. .13⅝- —
dust, same basis.....lb. .13⅜- —
Singapore,[1] No. 1, cs., c.l..lb. .30⅜- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis.lb. .12⅜- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17⅜- —
Gum dammar, l.c.l., prices, ¼c. to ½c. higher.

Gum ,elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09¾
Ester, gum rosin type,[1] dms., c.l., divd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .11½- —
other points, divd.....lb. .12 - —
l.c.l., divd. Ill., Ind., etc., lb. .11¾- —
other points, divd.....lb. .12½- —
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .15 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis... ....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¾c. to ½c. higher.
Locust bean, powd., bbls....lb. .65 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .99½- —
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
pewdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.18.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.18.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .75 - .80
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. .90 - 1.00
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .55 - —
Hexanol, dms., l.c.l., works...lb. .26 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50

"Formulate now with 'TI-PURE' R the paints you plan to sell 'when'—" advises "DOC" RUTILE



The animated figure "Doc" Rutile, if made of ping-pong balls, would be 10,000,000 times the actual size of a Du Pont Rutile crystal.

"TI-PURE" R110 for interior finishes
"TI-PURE" R200 for white house paints
"TI-PURE" R300 for water dispersion
"TI-PURE" R510 for exterior finishes
"TI-PURE" R610 for tinted house paints and all exterior enamels.

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Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.29.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastics (see Goldenseal).
Hydrofuramide, dms., fib., cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.50.00 -70.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N. F., bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¾- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb 3.95 - 4.10
jars.....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd.....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. lb. .03½- .04
kgs., works, frt. alld..lb. .04 - .04½
USP X, cryst., lump, bbls..lb. .07½- —
dms.....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb. .10 - —
Citrate, USP VIII, gran., dms. lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .53
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black, iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms.....lb. .03½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate,[6] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - 1.00
Isobutyl acetate,[6] dms., works..lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isoeugenol, cns., works.....lb. 4.05 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .39 - .40
powd., bbls., bxs.....lb. .46 - .47
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs....lb. .70 - .85

K

Kamala, tins.....lb. .40 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks. gal. .04½- .04¼
Bayonne, 41-43 w.w. tank... gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Tex., 42-44 w.w., tanks. gal. .04⅝- .04¾
Penn., 45 w.w., tanks....gal. .066 - .0755
46 w.w., tanks.....gal. .0775- .0895
San Francisco, tanks....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.55 - 1.70
Lanolin (see Adeps lanae).
Lard,[1,8] pure, ref., tres.....lb. .1522½- —
Chicago.....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .25 - .26
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .17½- .18½
Turkish, bls.....lb. .30 - .31
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,8] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12¼- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Lead, arsenate,[1,8] paste, standard, cns., c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l.....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
l.c.l.....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l.....lb. .18½- .23½
½-lb. ctns., c.l.....lb. .21 - .26
l.c.l.....lb. .21½- .26½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib, dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars.....lb. 2.69 - —
Linoleate, pale, precip., bbls. lb. .22½- —
Metallic paste, works.....lb. .19¾- .21¼
Naphthenate, 24%-30% Pb 50-gal. dms..lb. .14¼- .17¼
Nitrate, bbls.....lb. .12½- —
Lead, oleate, bbls.....lb. .17⅜- —
Peroxide, powd., tech., bbls..lb. .22 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc. lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¼- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09¼- —
Lead, red, dry, 98% Pb_3O_4, bbls., l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo, etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.8% Pb., 160-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb. 50-gal. dms. lb. .22¼- —
Stearate, bbls.....lb. .31 - .38
Sulphate (see Lead, white, basic sulphate).
Tallate, 10% Pb, 60-gal. dms.. lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08¼- —
dlvd., other points..lb. .08¼- —
l.c.l., dlvd. Ariz., etc.lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs.....lb. .13½- .18¾
dealers, 100-lb. kg.....lb. .11¼- .11½
painters, 100-lb. kg.....lb. .12¼- .12¼

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Lecithin, edible, dms., c.l.....lb. .23¼- —
l.c.l. .....lb. .26¼- .45
in cocoa butter, dms., c.l.....lb. .39½- —
l.c.l. .....lb. .40¾- .59
pure vegetable, bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26¾- .45
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls.....lb. .12 - .14
powder, bbls.....lb. .18 - .20
Russian, bls.....lb. .08¼- .09
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Riverton, Va..ton. 7.00 - —
Ripplemead, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —

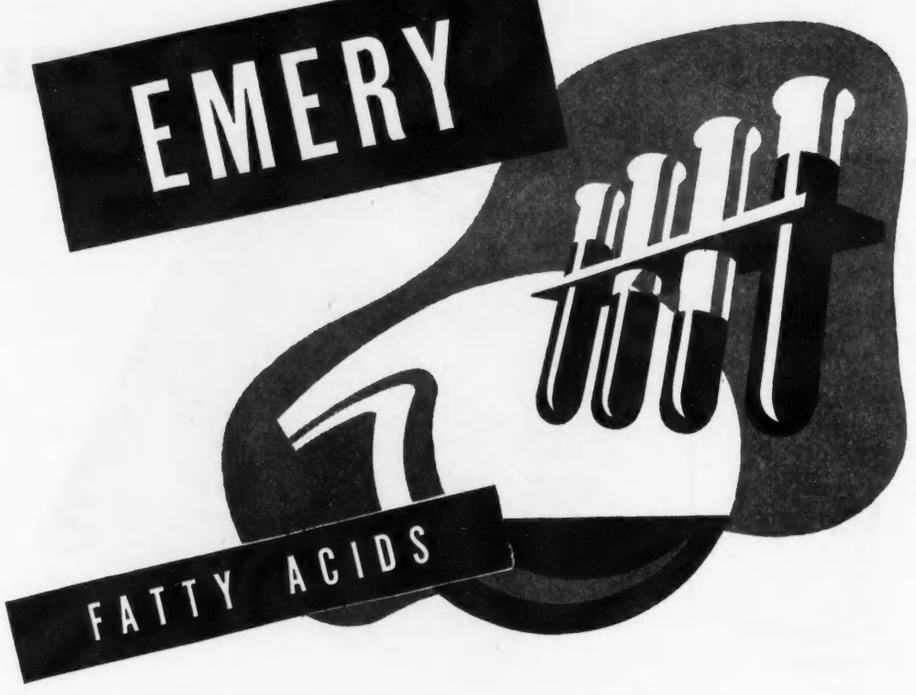
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.,
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b.
Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D..ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —

Lime, spray, Marblehead, Ohio, ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[4] 20.5% N, bgs., Hopewell, Va..ton.32.50 - —
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 8.25 - 8.75
Linden flowers with leaves, bls.. lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼-
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Rockland, Me.....ton.10.00 - —

Lithium bromide, bbls., 100 lbs., works, frt. equaid..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.35 - 1.90
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs...lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Stearate, flb. dms., 3 tons, works..lb. .50 - —
Lithopone,[1] ordinary, bgs. (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .95 - 1.00
Lobelia herb, bls.....lb. 1.00 - 1.05
Lobeline sulphate, bots., wks..oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23¼- —
No. 2, bxs.....lb. .21½- —
Lovage (ligusticum actae folium) root, dom., bls..lb. 1.20 - 1.50
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 2.75 - 3.00

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06½- —
bbls.....lb. .06¾- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¼- —
bbls.....lb. .09½- —
kgs.....lb. .10½- —
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.
Chloride, anhyd., bbls., dlvd.lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burnt[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.32.00 -32.00
Maleic anhydride,[6] drs., c.l....lb. .25 - —
l.c.l. .....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .35
Mandrake root, bls.....lb. .23 - .25
Manganese acetate, dms.....lb. .25¼- —
Arsenate,[6] bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works.ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works. ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms.. lb. .22 - —
Sulphate, anhyd., dms., works. lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 68% $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 50% $MnSO_4$, bgs..lb. .05 - .05¾
Tallate, 4% Mn, 50-gal. dms.lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs.....lb. No stocks



Many reactions of oleic acid are with its carboxyl group to form soaps, emulsifying agents, oleates, etc. However, its solvent and lubrication properties suggest its use in many other industries . . . in the manufacture of carbon paper . . . throughout the textile industry . . . etc.

Here are three reasons why it is distinctly advantageous to the maker of industrial soaps to use fatty acids rather than fats or glycerides:

1. Fatty acids combine readily with water soluble alkalies, and prolonged boiling to get complete saponification is unnecessary.
2. There is no glycerine loss, nor is glycerine recovery equipment necessary.
3. Soaps, when made for specific purposes from tallows and greases, are subject to the variations and limitations inherent in these raw materials. Fatty acids, with titres ranging from 5° C. (oleic acid) to 55° C. plus (stearic acid), permit the closest control of consistency and solubility.

Emery's Elaine Oils (commercial oleic acid or red oil) are produced in a wide range of titres from 25°-26° C. for 0-23 Saponified Red Oil to less than 5° C. for 0-19 Extra Thin Elaine.

The broad scope of the specifications of these red oils can provide just the right Elaine for your product. We'll be glad to recommend the most suitable grade, if you will tell us your specific requirements . . . and we are in position to make immediate shipment of any Elaine in any quantity.

LABORATORY CONTROLLED THROUGHOUT PRODUCTION EMERY INDUSTRIES INC.

E M E R Y I N D U S T R I E S • I N C.

4300 Carew Tower • Cincinnati 2, Ohio

Branch Offices: New York, N.Y. . . . . Philadelphia, Pa. . . . . Lowell, Mass.

PLASTICIZERS . . . STEARIC, OLEIC, ANIMAL, VEGETABLE AND FISH OIL FATTY ACIDS . . . TWITCHELL PRODUCTS

Mannitol,[6] com:l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Mid-west shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .29 - .30
California, French type, bls., f.o.b. Pacific Coast..lb. .47 - .48
Chilean, bls.....lb. .28 - .29
Matico leaves, bls.....lb. .22 - .29
Menthol, tech., synth., cns....lb. 5.00 - 6.00
USP,[1] natural, cns.....lb.15.50 -16.75
synth., cns.....lb.13.00 - —
racemic, cns.....lb. 8.60 - 9.15
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10% tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50.% pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib. dms., kgs...lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide)
yellow, NF VI, fib. dms..lb. 2.84 - 2.86
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns.lb. 1.49 - 1.54
dms.....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
tanks.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in. pkg.15.00 - —
Silver, 3¾x3¾ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R. gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.

synthetic,[6,6] dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or divd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or divd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, divd. S. F. and L. A., gal. .41 - —
4, frt. alld. or divd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, dms., c.l., divd. lb. .0722- —
l.c.l., 10-dm. lots, divd...lb. .0847- —
single dms., divd.....lb. .0947- —
smaller cont.. divd.....lb. .1447- —
hydrogenated, dms., c.l., divd. lb. .1122- —
l.c.l., 10-dm. lots, divd...lb. .1247- —
single dms., divd.....lb. .1347- —
smaller cont., divd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis..gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .84½- —

Natural methyl acetone quoted drums extra by Group B. Sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa., Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 4.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.35 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers. lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers. lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., c.l., divd.....lb. No stocks
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .58 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks...lb. .18 - .28
solvent, dms., works.....lb. .12 - .16
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., divd..lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l. .....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —
white, 1,000 mesh, bgs., c.l.. lb. .05¾- —
l.c.l. .....lb. .06¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l. .....lb. .05¼- —
Mica, wet-grd., paint or lacq., paper bgs., c.l..lb. .04¾- —
l.c.l. .....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l. .....lb. .05 - —
wallpaper, bgs., c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in carload lots is frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb. higher W. of Rockies.

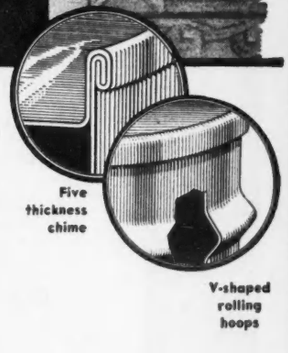
Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I. and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex., Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).



The No. 3 standard barrel or drum has found wide application throughout practically every branch of American industry. It combines moderate cost with unusual durability and strength and has proved through years of service its ability to withstand severe handling. Electrically welded side seams, five thickness steel in the chime, V-shaped rolling hoops and leakproof securely attached threaded openings are features that provide ample reinforced strength to areas of greatest stress. Made in capacities from 15 gal. to 65 gal.

No. 1480W
Grease Drum
Tight lug cover makes resealing easy. Edge of opening is raised to prevent water or dirty oil draining back in the drum. Capacity 100 lb. grease.

No. 55188
E-Z Seal Barrel
The lever locking ring cover provides a full opening that can be easily resealed to protect unused contents. Made in 30 to 55 gal. capacities.

No. 594Q
Closed Cover Pail
Recommended for service where strength to withstand rough handling is an important consideration. Screw cap has tight seal to retain thin lacquers and volatile liquids. Made in 5 and 10 gal. capacities.

No. 584R
Por-Pail
A simple twist swings the recessed spout into pouring position for full drainage. Twist cap with gasket provides a tight closure for thin liquids. Capacities 2½ to 6½ gal.

No. 3½86
Grease Pail
Rugged construction makes crating unnecessary. Full removable covers can be easily resealed for protection of unused contents. Made in 25 lb. and 50 lb. capacities.

INLAND STEEL CONTAINER CO.
Container Specialists
6532 S. MENARD AVENUE, CHICAGO 38, ILLINOIS
PLANTS AT: CHICAGO • JERSEY CITY • NEW ORLEANS

Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l. .....lb. .07 - .09
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis.....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylanilin, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .12 - .13
Mullein leaves, cns.....lb. .75 - —

Musk, nat., Tonquin, grains, bots. oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.09 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
Musk, synth., ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more. lb. 1.40 - 2.05
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs. lb. .16 - .16½
Montana, yellow, bgs.....lb. .12 - .12½
Washington, yellow, bgs.....lb. .12 - .12½
Myrobalans,[6] J1. whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account. ton.70.00 - —
crushed, same basis.....ton.75.00 - —
J2, whole, bgs., same basis... ton.58.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[3,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis. lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb .03 - —
Naphthalene, refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .06¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.16.50 - —
Nepheline syenite in bgs. is priced $3 per ton above the bulk quotations.
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] obls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .38
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms., 50 lbs..lb. .3660- —
tins, 10 lbs.....lb. 1.015- —
Nicotinamide,[6] dms.....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb.17.00 -18.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .03 - —
l.c.l. .....lb .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
½-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable

Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen, solut.,[6] tanks...ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[5] Aleppo, bgs.....lb. .47 - .48
Chinese, bgs.....lb. .45 - .46
Nutmegs,[1] E. I., grinding, bgs., lb. .45 - .46
100's, bgs.....lb. .47 - .48
West Indian, No. 1, bgs.....lb. .34 - .34½
Nux vomica, obls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .20 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 330-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 4.50 Nom.
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00-150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,5] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 2.50
natural, Italian, coppers...lb. 6.50 - 7.00
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de Rose, Brazil, cns....lb. 4.50 - 4.75
Mexican (see lignalos wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech, dms.....lb. 1.90 - 2.00
redistilled, USP X, cns....lb. 2.30 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.75 -12.00
rectified, cns.....lb.13.25 -14.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.17.00 -20.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l....lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l. ....lb. .1690 - —
tanks .....lb. .1630- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13¼- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13¾- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb.19.00 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots.....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.75 - 1.80
Coconut,[1,6] Manila, crude, bulk, c.l.f., N. Y..lb. .0935- —
ref. dms.....lb. .0885- .0985
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .85 - .88
tankcar .....gal. .83 - —
Codliver,[6] med., USP, bbls., dms..gal. 2.30 - 2.40
Coriander, bots.....lb.28.00 -36.00
Corn,[1,6] crude, tanks, works..lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16⅝
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .06½- —
Cottonseed,[1,6] cooking, l.c.l., ref. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E., lb. .03¾- —
salad, l.c.l., ref. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb.10.00 Nom.
weed, bots.....lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.10 - 1.20
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram, per million units. .001 - —
200,000 or more A units .... per million units. .30 - —
Fuel (see Petroleum, fuel oil),
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns.....lb.12.00 -13.00
Bourbon, cns. .....lb.11.00 -12.00
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.15.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. .90 - 1.00
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .16 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 3.00 - —

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OIL OF
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Oil, lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. lb.11.00 -11.50
garden, cns. lb. .55 - .75
spike, Spanish, pure, cns. lb. 3.50 - 4.00
tech., cns. lb. 2.75 - 3.00
Lemon, Calif., cns. lb. 3.25 - —
Messina, cns. lb. 3.25 - —
Terpeneless lb.25.00 -50.00
Lemongrass, cns., dms. lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns. lb. No stocks.
wood, cns. lb. 3.20 - 3.35
Lime, dist., Jamaica, cns. lb. 6.50 - 7.50
Mexican, cns. lb. 6.00 - 6.50
expressed, Jamaica, cns. lb.11.00 -12.50
Linseed, raw, dms., c.l. lb. .1550- .1560
l.c.l. lb. .1600- .1660
tankcar lb. .1470- —
tankwagon lb. .1470- —
Boiled linseed oil, .004 over raw.
Linseed replacem't, dms. lb. .1310- .1510
tankcar lb. .1270- .1470
Lubricating,[1] at refinery, ex-tax, California, neutrals, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks..gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 poer, tanks..gal. .24 - .30
cylinder oils, 600-680 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 8 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms. lb. 5.00 - 5.25
Mandarin, Brazilian, cns. lb. 8.75 - 9.00
Italian, coppers. lb. No stocks
Menhaden,[1,5] crude, tanks, Balto. lb. .0825- .0890
light-pressed, ret. dms. lb. .1160- .1160
tanks lb. .1080- —
ref'd, alkali, ret. dms. lb. .1280- .1280
kettle-boiled, ret. dms. lb. .1360- .1360
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns. lb. No stocks
Mustard seed,[6] exp., dms. lb. .14¾- —
Neatsfoot, 15°, c.l., bbls. gal. 1.90 - —
20°, c.l., bbls. gal. 1.80 - —
30°, c.l., bbls. gal. 1.60 - —
pure, bbls. lb. .18¼ Nom.
Neroli, bots. lb.220.00 -275.00
Nutmeg, dist., cns., dms. lb. 5.00 - 5.25
Oiticica,[1] liquid, dms. lb. .20 - .20½
tankcars lb. .19¼- —
Oleo,[6] 1, bbls. lb. .12¾ Nom.
Olibanum, bots. lb. 5.00 - —
Olive, denat., dms. gal. No stocks
edible,[4] Calif., 1¼-5% f.f.a., dms..gal. 4.30 - 4.60
imported, dms. gal. No stocks.
foots, dms. lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices.
80% (68% fat), dms., c.l. lb. No prices.
l.c.l. lb. No prices.
85% (69% fat), dms., c.l. lb. No prices.
l.c.l. lb. No prices.
Orange, sweet, dist., cs. lb. 1.00 - —
expressed, Brazilian, cns. lb. 1.10 - 1.15
Calif., cns. lb. 1.45 - 1.75
Florida, cns., dms. lb. 1.10 - 1.20
Messina, USP, coppers. lb. No stocks.
West Indian, cns. lb. 3.75 - 4.00
sequiterpeneless, bots. lb.97.00 -100.00
Origanum, Spanish, cs. lb. 2.40 - 2.75
Palm,[1,5] Niger, dms. lb. .0668- —
Palmarosa, cns. lb. 5.50 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S. gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis. lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-110 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis. gal. .08¼- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns. lb.20.00 Nom.
Peanut,[1,5] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar. lb. .1501- —
hydrogenated, tanks. lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E. lb. .08 - —
raw, 80%, tanks, dlvd. E. lb. .04 - —
Pennyroyal, dms., cns. lb. 4.10 - 4.25
import, cns. lb. No prices
Peppermint, natural, dms. lb. 7.90 - —
redist., USP, dms. lb. 8.05 - —
Perilla, crude, dms. lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms. lb. 6.90 - 7.00
Leaf, cns. lb. 4.50 - 4.75
Pine,[7,8] ret., dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works. gal. .55 - —
Pineneedle, cns. lb. 3.25 - 3.50
Putty,[9] bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
dms., c.l., Whiting, Ind. gal. *.24 - —
Boston, Providence. gal. .25 - —
l.c.l., same basis. gal. .27 - —
tanks, same basis. gal. .16 - —
Martinez, Cal. gal. .26 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] bulk, New Orleans, lb. .1156½- —
Red,[5] dist. dms., dlvd. lb. .12¾- .13¾
tanks, dlvd. lb. .12 - —
double dist., ret. dms. lb. .15¼- .16¼
Saponified, same prices.
Rose, natural, coppers. oz.30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms. gal. .60 - —
2d rectified, dms. gal. .66 - —
3d rectified, dms. gal. .72 - —
Rue, bots. lb. 3.25 Nom.
Sage, Spanish, cns. lb. 3.60 - 5.00
Sandalwood, NF, dist., cns. lb. 6.75 - —
Mysore, cns., case lots. lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast. lb. .0867- .0890
light-pressed, ret. dms. lb. .1160- —
tanks lb. .1080- —
ref'd alkali, ret. dms. lb. .1280- —
kettle-boiled, ret. dms. lb. .1360- —
Sassafras, artif., cns. lb. 1.05 - 1.40
natural, cns., dms. lb. 1.90 - 2.00
Savin, cns. lb. No stocks
Savory, cns. lb. 8.00 - —

Oil, sesame,[1,5] tanks. lb. .1430- —
shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works. gal. .20 - —
tanks, works. gal. .14 - —
Snake root, Canada, cns. lb. No stocks
Soybean,[1,5] crude, tanks, Decatur. lb. .1175- —
clarif., dms. lb. .1296- .1336
tanks lb. .1256- —
deod., Winter, tankcar. lb. .1393- —
ret. dms. lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E. lb. .07½- —
raw, 50%, tanks, dvld. E. lb. .06¼- —
refd., varnish, dms. lb. .1356- .1406
tanks lb. .1346- .1347
Spearmint, dms. lb. 4.00 Nom.
Sperm,[5] bleach, 38°, dms. lb. .1443- —
natural, 45°, dms. lb. .1310- —
Spruce,[1] cns., dms. lb. 2.65 - 2.84
Sunflower, refined,[5] tanks. lb. .1468- —
semi-refined, tanks. lb. .1430- —
Oil, sweet birch, North, cns. lb. 4.00 - 5.00
South, cns. lb. 2.50 - 3.75
Tall, crude, dms., c.l., works. ton.53.65 -55.00
l.c.l., works. ton.58.65 -63.65
tanks, works. ton.40.00 -45.00
refined, dms., c.l., works. lb. .05 - .05¼
l.c.l., works. lb. .05½- —
tanks, works. lb. .04½- —
Tallow,[5] acidless, bbls. lb. .14½- —
tanks lb. .13¾- —
Tansy, cns. lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities. gal. .32¾- —
l.c.l., f.o.b. works. gal. .29¾- —
tanks, dlvd. E. cities. gal. .27 - —
rect., USP, bbls. gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns. lb. 2.50 - 3.50
white, cns. lb. 2.65 - 4.00
Tung,[1,5] dms. lb. .39½- .40
tanks lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).

Oil, vetiver, Bourbon, bots. lb.30.00 -35.00
Whale,[5] ref., natural, dms. lb. .1187 Nom.
winter, bleach, dms. lb. .1232 Nom.
Wheat germ, dms. gal.10.00 -13.50
White mineral, tech., 50-60 vis., dms., c.l. gal. .38 - —
l.c.l. gal. .42 - .43
65/75 vis., c.l. gal. .36 - —
l.c.l. gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l. gal. .39 - —
l.c.l. gal. .45 - .48
90/105 vis., dms., c.l. gal. .44½- —
l.c.l. gal. .50½- .53½
125/135 vis. dms., c.l. gal. .49 - —
l.c.l. gal. .55 - .58
145/155 vis., dms., c.l. gal. .54 - —
l.c.l. gal. .57 - .60
175/185 vis., c.l. gal. .54½- —
l.c.l. gal. .60½- .63½
200/210 vis., c.l. gal. .55 - —
l.c.l. gal. .64 - .67
320/330 vis., c.l. gal. .65 - —
l.c.l. gal. .71 - .74
335/345 vis., c.l. gal. .66 - —
l.c.l. gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 55 dms. gal. .40 - —
64-1 dms. gal. .42 - .45
100 vis., 65 dms. gal. .49½- —
64-1 dms. gal. .51½- .54½
145 vis., 65 dms. gal. .57 - —
64-1 dms. gal. .59 - .62
180 vis., 65 dms. gal. .60½- —
64-1 dms. gal. .62½- .65½
340 vis., 65 dms. gal. .72 - —
64-1 dms. gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed,[1] cns. lb. 5.00 - 5.15
Ylang-ylang, Bourbon, bots. lb. 9.50 -10.00
Oleostearin,[1] bbls. lb. .1054- —

Olivine, aggregate, c.l., mines, ton. 7.00 - 9.00
crushed, 8 mesh, bulk, c.l., works. ton. 8.00 - —
paper bgs., c.l., works. ton. 9.50 - —
lumps, same basis. ton. 7.00 - —
spalls, same basis. ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots. lb.13.00 - —
25-lb. lots lb.13.25 - —
smaller lots lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1] lb. 1.05 - —
Lake, Persian,[1] bbls. lb. .80 - .85
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Colo., Mont., N. M., Wyo. lb. .12½- —
other points lb. .12 - —
smaller lots, dlvd. Ala., etc. lb. .12¾- —
Ariz., etc. lb. .13¼- —
Colo., Mont., N. M., Wyo. lb. .13 - —
Other points. lb. .12½- —
Molybdate,[1,5] bbls. lb. .41 - —
Orthonitroanilin toner,[1] kgs., works. lb. .80 - —
bbls. lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .10½- .11
sweet, bls. lb. .16 - .20
Oregano, Mexican, curly leaf, bgs. lb. .09½- .10
flat leaf, bgs. lb. .09 - .09½
Orris root, African, bls. lb. .85 - .90
powd., bbls., bxs. lb. .90 - .95
Portuguese, bls. lb. .75 - .80
Verona, bls. lb. No stocks

Aromatic Chemicals

IN INDUSTRY

THE field of Aromatic Chemicals in Industry has widened considerably in recent years.

NO longer is the use of Perfumes restricted to the Soap, Cosmetic and Perfume Manufacturer.

PERFUMES are now widely used by such diverse manufacturers as: the rubber industry, the paper industry, the textile industry and many others.

FURTHER research is constantly being made both by us and by manufacturers of many diverse products.

PERHAPS we can be of service to you

Among our many products the following are proving useful in numerous industries:

Butyl Phenyl Acetate
Lignin Vanillin
Veratraldehyde
Ethaldehyde
Cinnamic Alcohol
Ionone Ketone
Ionone Methyl
Acetophenone
Linalool Extra

Phenyl Acet Aldehyde Di Methyl Acetal
Di Phenyl Acetal of Phenyl Acet Aldehyde
Hydratropic Aldehyde
Para Methyl Hydratropic Aldehyde

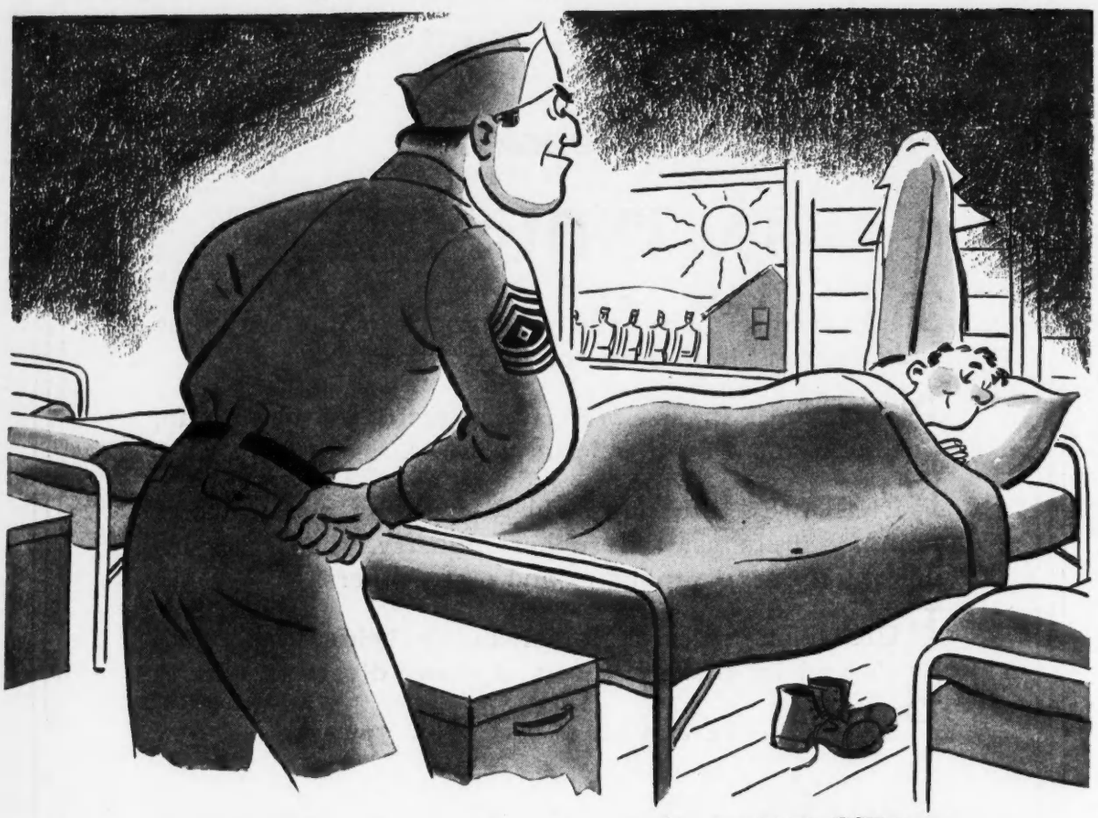
Write us for Information

Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn 17, N. Y.
8 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Orthoamylphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroanilin, dms. .....lb. .60 - .70
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[3,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C. Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. 17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb .07 - —
l.c.l., same basis.....lb. 08 - —
tanks, same basis.....lb. 06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher
Orthonitroanilin, dms.....lb. .43 - .55
Orthonitrochlorobenzene, dms...lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. .....lb. .09 - —
Orthophenetidin, dms. .....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 10¢ lbs., works..lb. 3.50 - —
smaller lots .....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.40 - 2.50
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs..lb. .31 - .32
Portuguese, choice, bgs.....lb. .40 - .41
extra fancy, bgs.....lb. .39 - .40
good, bgs.....lb. .37 - .38
Paprika, Spanish, fancy, bgs....lb. .48½- .49
good, bgs.....lb. .46 - .47
fair, bgs.....lb. .42 - .43
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, dms., wks..lb. .83 - —
Paracresol,[6] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works.lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .15
l.c.l., same basis.....lb. .12½- .16
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-132 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715 - —
140-142 ASTM, same basis, lb. .0810- —
146-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,3] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works.lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb 95 - 45
Paranitroaniline, kgs., works...lb. .43 - .45
Paranitrochlorobenzene, kgs., works..lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs..lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratolvidin, bbls., works.....lb. .45 - —
Paris green,[4] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .20 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls.....lb. .34 - .35
Pectin, bbls.....lb. .35 - —
Penicillin,[6] hospitals, institutions, ampules per 100,000 units. 2.40 - 2.60
for gov. purchases, ampules, per 100,000 units. 1.50 - —
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works, lb .20 - .25
Pentaerythritol,[6] CP, bbls., divd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l.....lb. .33 - —
Tetra-acetate, bbls., divd....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07½- —
laboratory grade, dms., c.l., lb .16 - —
l.c.l.....gal. .29 - —
10 gal.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
red, chillies, Carolina, longs, bgs..lb. .30 Nom.
sports, bgs.....lb. .45 - .46
Congo, bgs.....lb. .25 Nom.
Pepper, red, chillies, Louisiana, sports, bgs..lb. .45 - .46
longs, old crop, bgs.....lb. No stocks
Mombassa, bgs.....lb. .24½- .25
Niger, fair, bgs.....lb. .23 Nom.
Sierra Leone, bgs.....lb. .22½ Nom.
Uraganda, washed, bgs...lb. No stocks
white,[1] 15 tons, bgs.....lb. .1161 Nom.
24 bgs.....lb. .1296 Nom.
Peppermint, USP, bls.....lb. .80 - .85
Import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., cs., works, frt. alld., Zone 1..lb. .0782- .0800
l.c.l., same basis.....lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld..lb. .0832- .0850
l.c.l., same basis.....lb. .0882- .0900
Zone 3, dms., c.l., works, frt. equald..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point..lb. .0832- .0900
l.c.l., same basis.....lb. .0932- .0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topax, bbls., c.l.....lb. .032 - —
l.c.l.....lb. .036 - —
red, veterinarian, bbls., c.l.lb. .024 - —
l.c.l.....lb. .028 - —
USP, amber, dms., c.l.....lb. .03¼- —
l.c.l.....lb. .04¼- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
cream, c.l., dms.....lb. .04¾- —
l.c.l.....lb. .06¼- —
yellow, soft, dms., c.l.....lb. .03¼- —
l.c.l.....lb. .04¼- —
white, lily, dms., c.l.....lb. .05½- —
l.c.l.....lb. .07 - —
snow, c.l., dms.....lb. .06¼- —
l.c.l.....lb. .07¾- —
soft, c.l., dms.....lb. .05¼- —
l.c.l.....lb. .06¼- —
Deposit on ret. dms., $4.
Petrolatum prices dms. extra, ret.
Petroleum, crude, bulk, at wells, California, heavy grades..bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —
Kentucky, Union County...bbl. 1.32 - 1.37
Louisiana-Arkansas .....bbl. .86 - 1.20
Oklahoma-Kansas .....bbl. .85 - 1.25
Pennsylvania .....bbl. 1.81 - 3.00
Texas, Gulf Coast.....bbl. 1.06 - 1.86
North, North-Central.....bbl. 1.01 - 1.35
West .....bbl. .70 - 1.13
Panhandle .....bbl. 1.10 - 1.23
Savannah, Ga.....bbl. 1.60 - 1.77
Wyoming .....bbl. 1.12 - —
Ether, laboratory, grade, 30-60° C., dms., c.l., Group 3, gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
33-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy.....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .06½- —
Group 3, No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Oklahoma, No. 2.....gal. .03¾- —
No. 6.....bbl. .90 - —
14-16 .....bbl. .97 - —
Pennsylvania, No. 1..gal. .07 - .07¾
No. 2.....gal. .07 - .0805
No. 3.....gal. .06¾- .07¾
36-40 gravity.....gal. .07 - .07¾
bunker C, Baltimore Md..bbl. 1.65 - 1.77
Boston, Mass.....bbl. 1.65 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Jacksonville, Fla.....bbl. 1.60 - —
New York, N. Y.....bbl. 1.65 - 2.07
Norfolk, Va.....bbl. 1.65 - 1.77
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.80 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.65 - 1.77
Wilmington, N. C.....bbl. 1.65 - —
Lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, divd. Los Angeles, gal. .11 - —
Fort Wells, Wash.....gal. .12 - —
San Francisco....gal. .11½- —
Willbridge, Ore...gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
gal. .07¾- —
Group 3, benzol type, tanks, toluol type, tanks..gal. .07¾- .07½
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks.. gal. .10½- —
198-200 b.r., tanks..gal. .10¾- —
246-397 b.r., tanks..gal. .10¾- —
312-406 b.r., tanks..gal. .09 - —
362-456 b.r., tanks..gal. .09 - —
East Coast, N. J., N. Y..gal. .10 - —
Group 3, tanks.....gal. .06¼- —
tankwagon, Baltimore.....gal. .12 - .14
Boston .....gal. .12 - —
Bridgeport, Conn.....gal. .1630- —
Buffalo .....gal. .1340- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Hartford .....gal. .1630- —
Kansas City, Mo.....gal. .1480- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark (200 gal.).....gal. .11 - —
New York (200 gal.).....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .129 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —
Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07¼- —
tankwagons, Newark....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —



There's Going to Be a THUNDERSTORM!

Ohmigosh! We hate to look . . .

But it's no worse than the thunderstorm in your business when the solvents fail to meet specifications for uniformity and throw production out of gear all along the line. For in solvents, if there's one thing you've *got to have*—it is *uniformity.*

Hurdle that problem by specifying SKELLYSOLVE. The unvarying uniformity of SKELLYSOLVE is *assured* by our processes of refining it.

Scientific, instrumented control eliminates the element of human error and the vagaries of thumb rule.

SKELLY OIL COMPANY — SKELLY — SKELLY

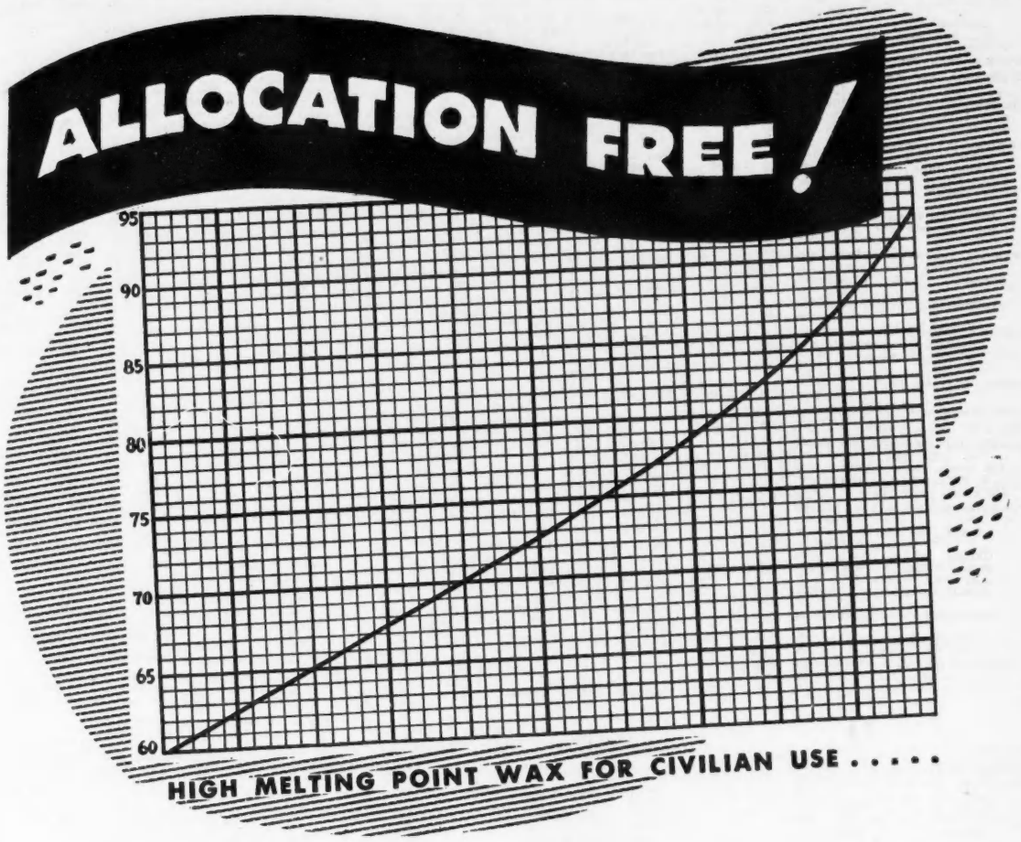
SKELLYSOLVE
in the **OIL, PAINT** *and* **DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Petroleum naphtha, high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J..gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .22½- —
No. 8, tanks, same basis, gal. .228 - —
No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .228 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —
V.M.&P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77 190 i.p.b., 310 e.p. tanks, dlvd, Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .13 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1620- —
Newark (200 gal)...gal. .126 - —
New York.....gal. .13 - —
Philadelphia .....gal. .126 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .20½- —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- .07½
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06¾- —
Pennsylvania, western, tanks..gal. .07½- .07½
tankwagon, Baltimore....gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1550- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Petroleum xylol solvent. See Xylol petroleum solvent.
Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —
Phenol,[3,4] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¾
l.c.l., same basis.....lb. .10¼- .10¾
tanks, same basis.....lb. .09¾- .09¾
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¾- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .93
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, N.F., fib., dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut., bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.00
Phenylhydrazin, base, CP, bots. lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb. 13.75 - 14.75
tech., fib. dms.....lb. 12.00 - 12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,3] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l..... long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l., M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
80%, P_2O_5 minimum, short ton. 2.90 - —
81%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & a., M.P.R. 240 provisions, same basis, long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
80%, P_2O_5, same basis..... short ton. 4.85 - —
81%, P_2O_5, same basis.. .. short ton. 4.95 - —
82%, P_2O_5, same basis..... short ton. 5.20 - —
83%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs. .....lb. .28 - .26
Oxychloride,[6] cyls.....lb. .15 - .16
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 4.90 - 5.25
Nitrate, bots., vls.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .22¼- .22¾
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.85 - 1.90
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[3] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Pitch, cottonseed, dms., works.. lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½- —
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ¼c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .28 - .32
Carbonate, calc., bbls., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —
Potash carbonate, hydrated, 83-85%, bbls., c.l., works.lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08¼- .08½
tanks .....lb. .02½- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, tech., cryst., 96%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .33½
powd., 3c. per lb. higher. lb. 1.00 - —
Cyanide,[6] dms., works.....lb. 75 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Potash, manure salt, dom.,[8] 22%, K_2O, f.o.b. Carlsbad, N. M..unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .26 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[3] future shipt., subject to safe arrival..unit-ton. .53¾- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[3] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20¼- .21
Prussiate, red, kegs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., wks. ton. 290.00 - —
l.c.l .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —



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M.P. 170/175°F. Penetration Min. 60

Also available micro-crystalline and amorphous waxes of high melting points and low penetrations for your specific needs.

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Impregnole Water Repellent • Luminous Pigments • Metallic Stearates • Metallic Resinates
Petroleum Waxes • Sulfated Oils • Synthetic Detergents • Textile Compounds • Wetting Agents

Potash silicate, solut., 32° Be. ret. dms., c.l., works..100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., wks. 100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, N.F., gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .76
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40%, K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .48
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .40 - .42
Berries, bgs.....lb. .23 - .25
Prince's pine herb, bls.....lb. .65 - .70
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[6] industrial grade, tanks, Group 3..gal. .08¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .66
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chl., ton lots.....lb. .04½- —
Pumice in bbls., is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms.....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, de-waxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.60
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(80 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.90
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.35
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis.....ton.13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
works..lb. .17 - —
China, white, ivory, cs., dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .09 - .10
Quebracho extract,[6] solid, 65%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05½
clarified, 64%, bgs., c.l., same basis..lb. .05⅝- .05⅝
dissolved, 85% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net)..flask.118.00 Nom.
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.06 + .13½[9]
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

[9] Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½[9]
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs.....oz. 1.07 + .13½
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs...oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs. oz. .90 + .13½
Salicylate, NF, cns., 100 ozs.. oz. .79 + .13½
Sulphate, USP, cns., 100 ozs. oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Quinine tartrate, cns., 100 ozs. oz. 1.03 + .13½
Valerate, NF IV, 100 ozs.....oz. .99 + .13½

[9] Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13½[9]
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .30

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,[2] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .90 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works, lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lbs. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09½- —
50-55%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .090
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works.....lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works.....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[2] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[2] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07⅛
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02⅝- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
55%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[2] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .17 - .18
Rhubarb, whole, cs.....lb. .75 - .80
powd., bols.....lb. .80 - .85
Ribeflavin, bots., 100 grams.kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .45½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .45 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .08¾- .09½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum:—
D, dms., c.l.....100 lbs. 5.90 - —
D, dms., c.l.....100 lbs. 5.97 - —
E, dms., c.l.....100 lbs. 6.50 - —
F, dms., c.l.....100 lbs. 6.60 - —
G, dms., c.l.....100 lbs. 6.64 - —
H, dms., c.l.....100 lbs. 6.66 - —
I, dms., c.l.....100 lbs. 6.66 - —
K, dms., c.l.....100 lbs. 6.70 - —
M, dms., c.l.....100 lbs. 6.72 - —
N, dms., c.l.....100 lbs. 6.88 - —
W.G., dms., c.l.....100 lbs. 7.13 - —
W.W., dms., c.l.....100 lbs. 7.40 - —
X, dms., c.l.....100 lbs. 7.40 - —
Wood, F.F., dms., c.l...100 lbs. 4.32½- 4.35
l.c.l. .....lb. 4.62½- 4.65
Rotenone,[1,6] CP, bbls., works. lb.10.90 - —
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.28.50 - —
l.c.l., same basis.....ton.27.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls.....lb. .35 - .36
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .90 - .92
Spanish, tins.....lb.42.00 Nom.
Safrol, cns.....lb. 1.10 - 1.15
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, bgs., Pacific Coast lb. .45 - .48
Cyprus, good, bls.....lb. .13 - .18½
fair, bls.....lb. .14 - .14½
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .17¾- .18½
Sago flour, bgs.....lb. .06 - .06⅝
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib, dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l...ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons..... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .24 - .25
dom., bls., f.o.b. Calif.....lb. .82 - .83
Saw palmetto berries, bgs.....lb. .25 - .30
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs, 1 shipm't..lb. .34¾- —
smaller lots.....lb. .34 - —
Selenium, powd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, bls.....lb. 1.05 - 1.15
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .12 - .14
Serpentaria root, bls.....lb. 1.40 - 1.50
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs., lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs.....lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2) bbls., 1c. more; (3) kgs., 3c. more.

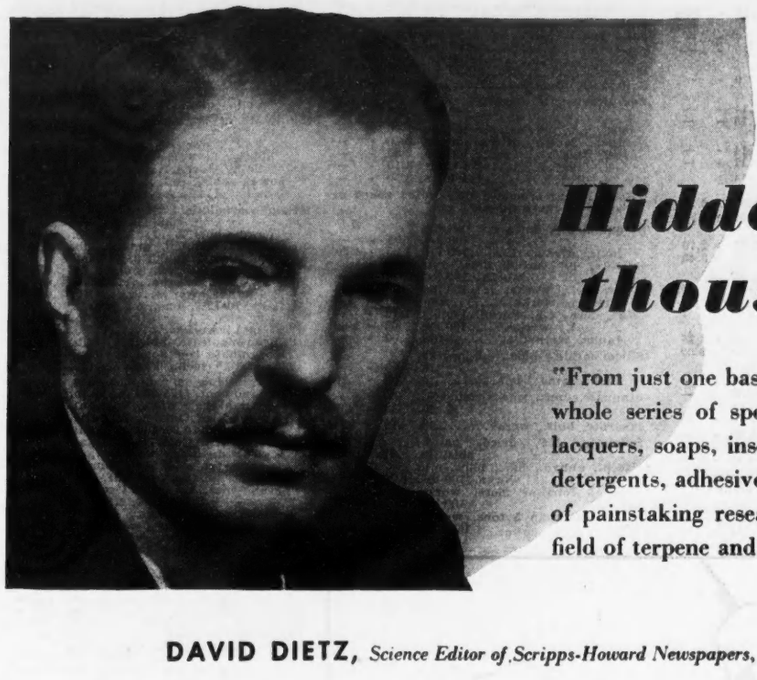
D.C., V.S.O., Diamond I, bgs., lots of 100...lb. .4660- —
Garnet, bgs., lots of 100...lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works, ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis....ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l.; same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .10¾- .11¼
Soda arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¾- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Cal.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works...100 lbs. 1.15 - —
l.c.l., dlvd., zone 1 .....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.13 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., Zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 98°, Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 98°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more, lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07¼- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.80 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs., lb. .28 - .31
Cacodylate, 5-lb. bots., works, lb.17.00 - —
Carbonate (see Soda ash, soda monohydrate, soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works.... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works.. 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .06½
Chromate,[3,6] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08⅝- .09½
Soda chromate in bgs. is ¼c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19¼- .22½
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25½- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¾- .10½
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0635- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —



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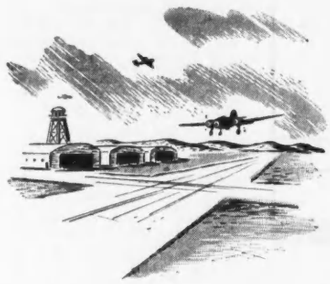
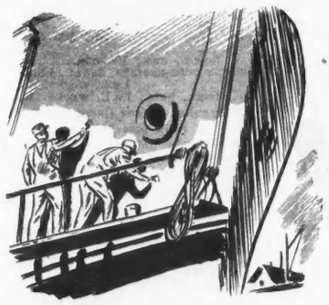
DAVID DIETZ, *Science Editor of Scripps-Howard Newspapers, Author, Pulitzer Prize Winner*



EXTRA STAMINA FOR CONCRETE. Vinsol* resin helps keep concrete surfaces smooth and long-wearing. Interground with cement, it enables concrete to withstand scaling and corrosion due to frost and thaw and the action of ice-removing agents.

STRETCHING RUBBER SUPPLIES is one of Hercules' contributions toward rubber conservation. Solvenol* is used as a penetrant, softener, and swelling agent in the reclaiming of scrap rubber. It is now under allocation for this war task.

CLOSE SHAVE FOR PIGS. In packing plants, pigs are coated with a special resin, Brisgo*. When the Brisgo, applied hot, has cooled and congealed, it is peeled off like a banana skin and with it comes every hair and all the stubble.



RESIN AGAINST THE SEA. Pentalyn* resin permits use of domestic linseed instead of unobtainable foreign oils in making the tough, salt-water-resistant protective coatings essential to our ship-building program. Makes *more* paint with *less* critical materials.

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NI-43A

Soda hyposulphite, cryst., pea, bgs., c.l., works..100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[6] anhyd., kgs., works. lb. .47 - —
Monohydrated, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis. ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, bbls., c.l., wks., frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., wks.....lb. .10 - —

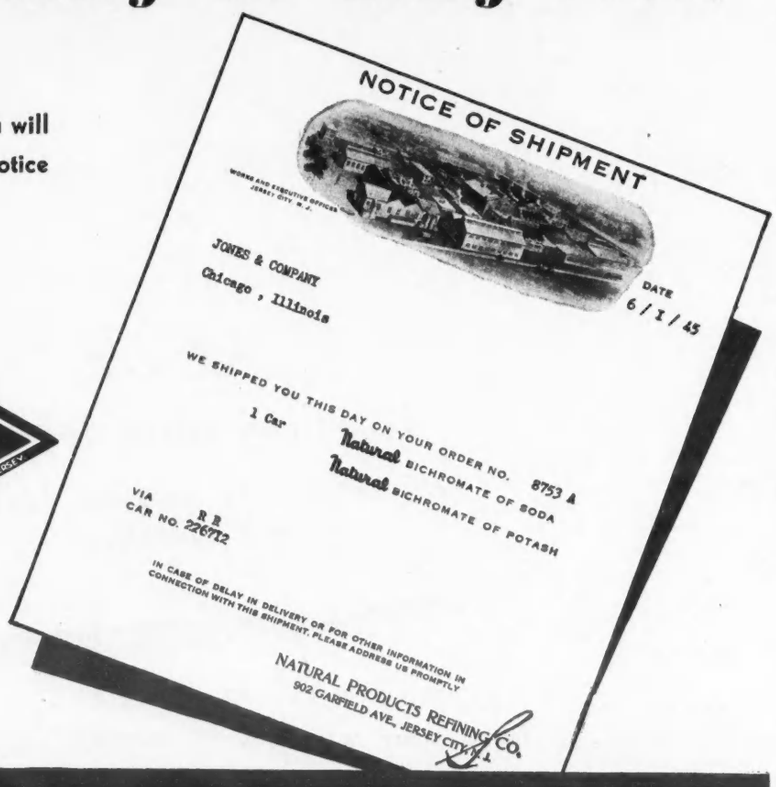
Soda pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic). Soda phosphate in bbls. is 30c. higher.
Prussiate, yellow, bgs., spot. lb. .10¾- —
bbls., spot.....lb. .11 - —

Soda pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald.. 100 lbs. 6.55 - —
l.c.l., same basis...100 lbs. 6.80 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .10
Stannate, dms., works, frt. eqld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40

Soda sulphate, tech., cryst. (see Glauber's salt). USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, mono hydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38% basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .20 - —
100-40,000 lbs., works...lb. .20 - .20½
less than 100 lbs., works, lb. .24 - —
Sorbitol,[6] com'l, dms., c.l., works, lb. .14¾- —
l.c.l., same basis.....lb. .15½- —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .50 - .55
Spikenard root, bls.....lb. .40 - .45
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¾- —
tanks, works.....lb. .01½- —
pwd., super. bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .83 - .85
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignasius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .16 - .17
Starch, corn, pearl, bgs..100 lbs. 4.05 - —
Chicago .....100 lbs. 3.72 - —
Corn, powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, mat., 92% min., air-floated, 300 mesh, bbls., c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 - 5[illegible].00
Strophanthus seed, Komba, bgs., lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs., oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.85 - —
fib. dms.....lb. .90 - 1.10
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.30
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11

Natural BICHROMATES
Are Winning on Every Front

When peace arrives; you will again see this familiar notice in your mail.


NOTICE OF SHIPMENT
JONES & COMPANY
Chicago, Illinois
DATE 6/1/45
WE SHIPPED YOU THIS DAY ON YOUR ORDER NO. 8753 A
1 Car Natural BICHROMATE OF SODA
Natural BICHROMATE OF POTASH
VIA RB
CAR NO. 226772
IN CASE OF DELAY IN DELIVERY OR FOR OTHER INFORMATION IN CONNECTION WITH THIS SHIPMENT, PLEASE ADDRESS US PROMPTLY
NATURAL PRODUCTS REFINING CO.
902 GARFIELD AVE., JERSEY CITY, N.J.

BICHROMATE Natural OF SODA
SOLE MFRS. U.S.A. & CANADA
NATURAL PRODUCTS REFINING CO. JERSEY CITY, NEW JERSEY

NATURAL PRODUCTS REFINING COMPANY

904 GARFIELD AVE. JERSEY CITY 5, N. J.

Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls....lb. .07 - —
stainless, bbls....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Sweet Basil, bls., f.o.b. Calif..lb. .97 - .98

T

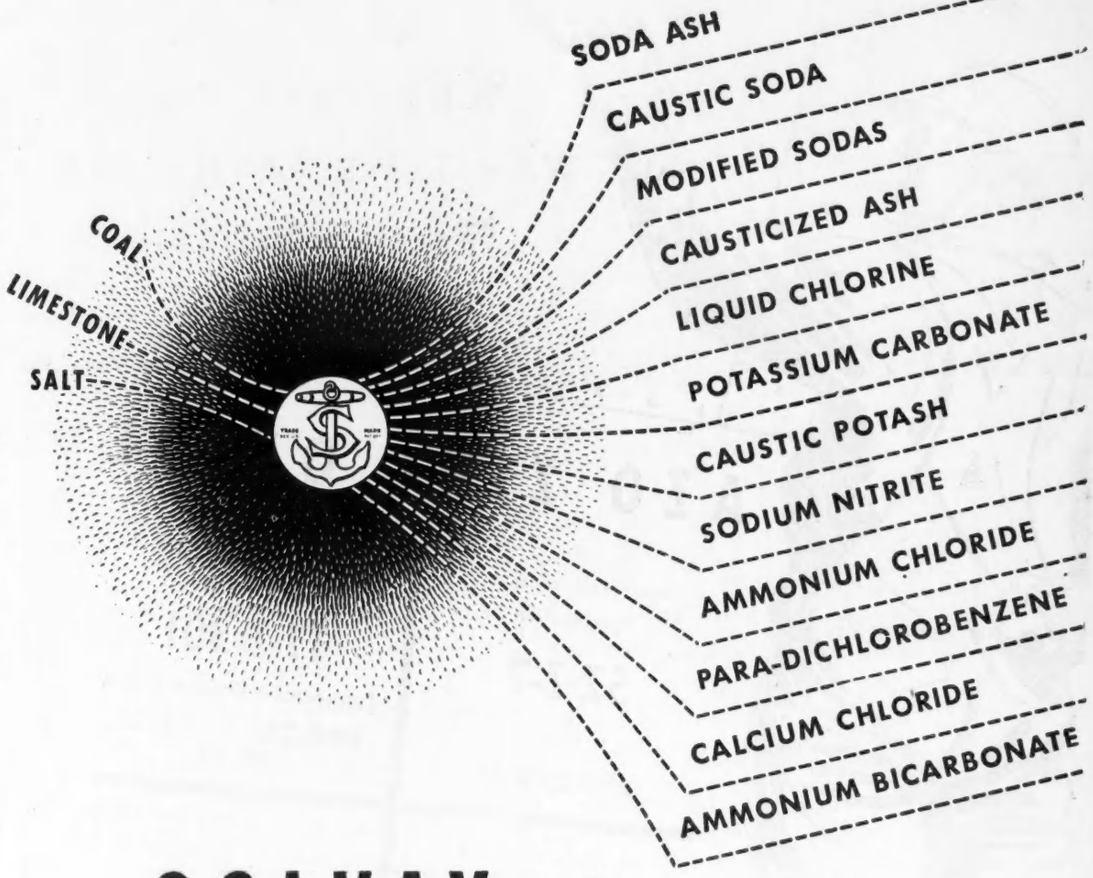
Talc, dom., aluminum-flake type, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works....ton.16.50 -30.00
Calif., bgs., c.l., wks..ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93 - 94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works....ton.12.00 -14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works....ton.15.00 - —
imp., Canada, bgs., c.l....ton.24.00 -30.00
Tallow,[1,5] edible, tanks....lb. .09⅞- —
inedible, extra, loose....lb. .08⅝- —
special, loose....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05⅝- —
50% (43% fat), dms., c.l..lb. .06⅞- —
50% (43% fat), dms., c.l..lb. .07⅜- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls....lb. .13 - .14
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] Brazil, bgs..lb. .06½- .07¼
Java, bgs....lb. No stocks
Tar acid oil,[5,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works....gal. .28½- .29¾
25%, dms., c.l., works....gal. .30 - —
l.c.l., works....lb. .32 - —
Pine, retort, dms., c.l., dlvd. East..gal. .32¾- —
l.c.l., works....gal. .29¾- —
tanks, dlvd. East....gal. .27 - —
Tara, powd., dlvd. N. Y....ton.120.00 - —
Tarragon herb, bgs....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. ....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. ....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South....lb. .13½- —
l.c.l., South....lb. .14 - —
tanks, South....lb. .13 - —
pure, dms....lb. .35 - .50
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works....lb. .20 - —
tanks, works....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F. VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetralin, dms....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 - —
Theobromine,[1,5] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots....lb. 2.90 - 3.00
Thiamine hydrochloride, bots., dms., 100 grams..kilo.160.00 - —
Thiocarbanilide, dms....lb. .24 - —
Thiourea, CP, dms....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .80 - .82
Spanish, bls....lb. .17½- .18
Thymol, cns....lb. 2.40 - 2.75
Iodide, dms....lb. 3.40 - 3.80
Timbo root,[3,5] (see Cube root).
Tin chloride,[5] anhydrous....lb. No stocks
Crystals,[5] bbls., bgs....lb. No stocks
Metal,[1,5] Straits....lb. .52 - —
Oxide,[5] bbls....lb. .54 - .55
Tetrachloride,[5] anhyd., dms., works..lb. .31 - .32
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons, one deliv., dlvd..lb. .16¾- —
smaller lots, dlvd....lb. .17 - .17¼
plain,[5] bgs., c.l., dlvd....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd....lb. .15 - .15¼
Hydride, cns., works....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c. higher; Pac. cst. ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Titanium tetrachloride, CP, 55-gal., dms., works..lb. .57 - —
smaller pkgs, works....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns....lb. .80 - .82
Tolidine base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol[5] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West. Minnequa, Colo..gal. .28 - —
1° nitration, dms., return, works..gal. .34¼- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo..gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .91
Tonka beans, Angostura, cks..lb. 2.50 - 3.00
Brazilian, Surinam, cs....lb. .80 - .85
Totaquine,[1,5] USP XII, 100 ozs. oz. .52 - —
Triacetin, dms., works....lb. .27 - .32
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. ....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. ....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis....lb. .08½- —
tanks ....lb. .07¼- —
Trichloroethane, dms., c.l...lb. .16 - —
l.c.l. ....lb. .17 - —
Trichloroethylene,[5] d m s., c.l., works, Zone 1, frt. alld...lb. .08 - —
Zone 2, same basis....lb. .08½- —
Zone 3, same basis....lb. .09 - —
Zone 4, ex whse....lb. .09 - —
Trichloroethylene, l.c.l. prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[5] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd....lb. .37½- —
l.c.l., dlvd....lb. .40½- —
tech., cns., works....lb. .28½- .45½
dms., c.l., dlvd....lb. .25 - .31
l.c.l., dlvd....lb. .25½- .31½
tanks, dlvd....lb. .24 - .30
Triethanolamine,[5] d m s., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis....lb. .20½- —
tanks, same basis....lb. .18½- —
Triethyl phosphate, cns....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[5] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis....lb. .19½- —
tanks, same basis....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd....lb. .90 - —
Trimethylolpropane, bbls....lb. .65 - —
Triphenyl phosphate,[5] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[3,4] (see Derris root).
Tungsten metal, powd.,[5] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Haitian, f.o.b. New Orleans, bls..lb. .09½- .10
Madras, bgs....lb. .12 Nom.
Turpentine, gum, dms....gal. .86½- .87
sulphate-wood, dms., c.l....gal. .65 - .75
tanks ....gal. .57 - .67
wood, d.d., dms., East....gal. .65 - .70
tanks ....gal. .60 - —
steam-dist.,[1] ret. dms....gal. .80 - .83
tanks ....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium[5] oxide, black bgs....lb. 2.85 - —
yellow, kgs....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts....ton.77.50 -85.00
import. pure, cs....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports. ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3..ton.116.80 - —
C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Uva ursi leaves, bls....lb. .22 - .23

V

Valerian root, NF, bls....lb. .55 - .60
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb.10.00 Nom.
Mexican, cuts, tins....lb.10.00 - —
whole, tins....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins....lb. 3.25 - 3.50
West Indian, tins....lb. No stocks



SOLVAY

Alkalies and Chemical Products

Manufactured by The Solvay Process Company

for America's Leading Industries ★

SOLVAY SALES CORPORATION • 40 RECTOR STREET, NEW YORK 6, N. Y.

Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin tins, 25 lbs. or more..lb. 2.35 - —
lignin tins, 25 lbs. or more, lb. 2.25 - —
Venice turpentine, artif., cns..lb. .24 - .26
Verdigris, bbls., bgs.....lb. .22 - .26
Vinyl acetate,[8] cbys., works..lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Trichloride (See Trichloroethane).
Vinylpyridin, ret. dms., works..lb. 1.50 - —
Viosterol (irradiated ergosterol), mill. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
Vitamin B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .55 - .60
Wattlebark,[1] E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account... ton.53.00 - —
Wattle bark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.... per ton.53.00 - —
extract[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06½
tanks .....lb. .04⅝- .05¼
solid, So. Afr., 62% tannin, ex dock..lb. .0572- .0597
E. Afr., 61% tannin, ex dock, lb. .06595- .05845
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14½- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
160°-165° m.p., white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16½- —
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .23¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton. lb. .60 - —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
yellow, crude, African, bgs., ton..lb. .37½ Nom.
Cent. or So. Amer., sunbleachable, bgs., ton..lb. .44¾ Nom.
unbleachable, bgs., ton, lb. .41½ Nom.
Wax, bees, yellow, ref'd, USP, bricks, bgs., ton..lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .53½- —
Candelilla,[1] crude, bgs., ton..lb. .34½- .35
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71¼- —
smaller lots.....lb. .72¾- .81¼
North Country No. 2, bgs., ton lots..lb. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83¼
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Wax, ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .61¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[8] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gliders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l...ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E. works..ton. 6.00 - —
smaller lots, N.E., wks. ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gliders, bgs., c.l..ton.18.00 - —
gliders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .26 - .28
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant .....lb. 4.50 - 4.75
Wormwood, bls.....lb. .80 - .85

X

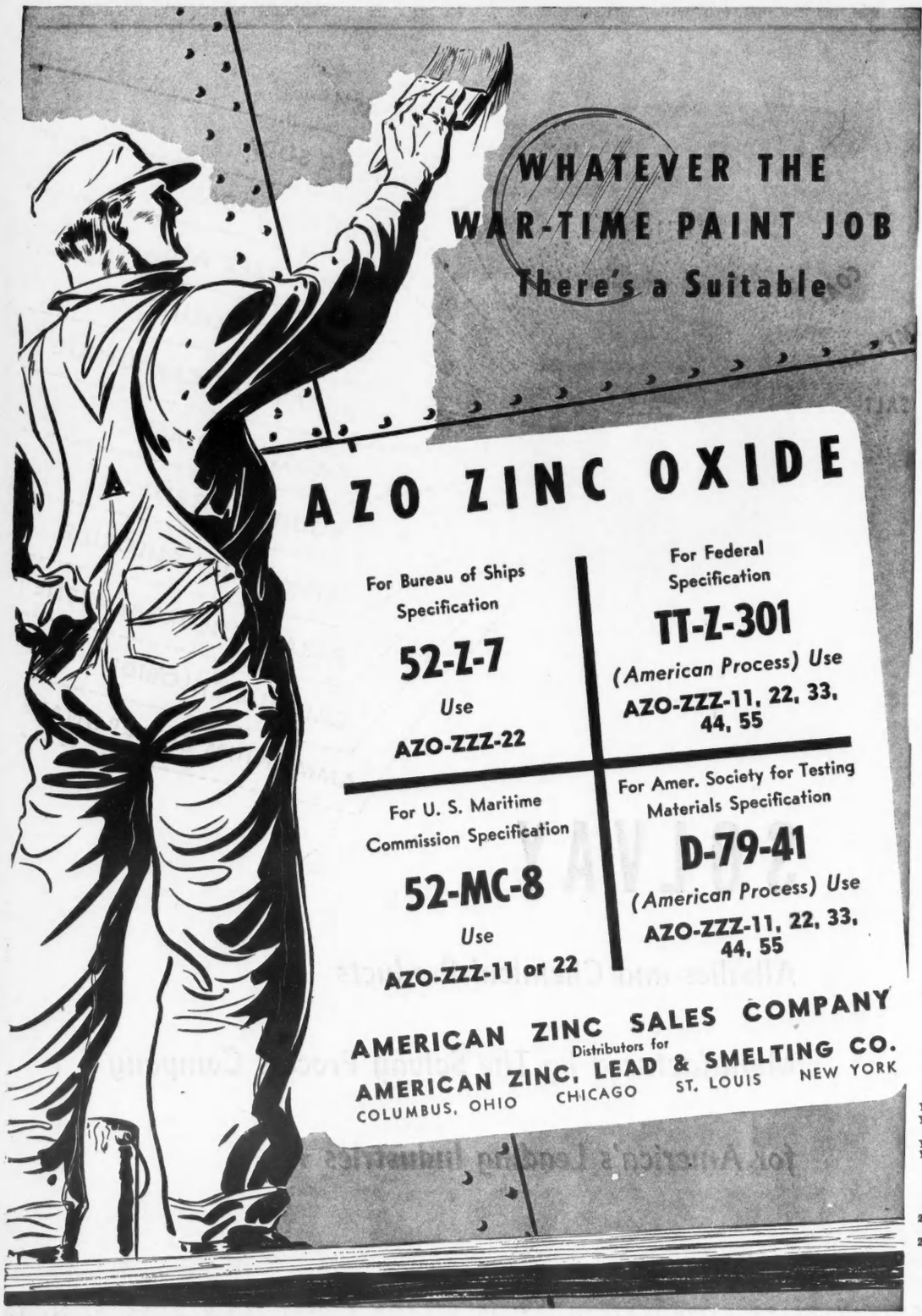
Xanthorrhiza, bls.....lb. .25 - .30
Xylene (see Xylol).
Xylol[8] (xylene), indus. dms. return., works..gal. .32 - —
Xylol (xylene), indust., tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
8°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nc. N. J.....gal. .36 - —
Xylidin, mixed, dms.....lb. .85 - .90

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .25 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, C.P., bgs., l.c.l., divd. N. of Tenn. and N. C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.
Benzidin, bbls., divd.....lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., divd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ½c. higher, divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .03 - .03½
French type, bbls., c.l....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth, bbls., c.l., works....lb. .07 - —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .33 - .40
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .25 - .27
Yohimbine hydrochloride, vis..oz. 3.00 - 3.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., divd.lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13¼
l.c.l., same basis.....lb. .12¼- .13¾
Borate, bgs., c.l.....lb. .12 - —
l.c.l. .....lb. .12½- —



Zinc carbonate, tech., rubber makers' grade, bbls., works..lb.	.09¾-	.10¾
USP, precip., powd., bbls..lb.	.35 -	—
dms. .....lb.	.40 -	—
kgs. .....lb.	.37 -	—
Chloride, tech., fused, dms., c.l., works..100 lbs.	5.00 -	—
l.c.l., works.....100 lbs.	5.35 -	—
gran., dms., c.l., works..... 100 lbs.	5.75 -	—
l.c.l., works.....100 lbs.	6.50 -	—
USP, dms.....lb.	.30 -	.31
jars .....lb.	.35 -	.36
solution, 50%, dms., c.l., works lb.	.0315-	—
l.c.l., works.....lb.	.04¼-	.04½
tanks, works.....lb.	.0250-	—
Chromate (see Yellow, Zinc).		
Cyanide, kgs., works.....lb.	.33 -	.37
Dust,[6] bbls., c.l., dlvd.....lb.	.1035-	—
l.c.l., works.....lb.	.1135-	—
Fluoride, bbls.....lb.	.25 -	.30
Hydrosulphite, dms., works.lb.	.16 -	—
Iodide, NF, bots.....lb.	4.68 -	4.75
jars .....lb.	4.40 -	—
Laurate, bbls.....lb.	.32 -	.33
Metal,[1,2,5] (quotations in Protective Coatings market report).		
Naphthenate, 8%-10% Zn, 50-gal. dms..lb.	.16 -	.19½
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
American process, com'l, lead free,[6] bgs., c.l., dlvd. lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
leaded, 5%, bgs., c.l., dlvd. lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
35% or more, bgs., c.l., dlvd. lb.	.07 -	—
l.c.l., dlvd.....lb.	.07¼-	—
Zinc oxide, pigment, French process, com'l, lead free,[6] bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
green seal, bgs., c.l., dlvd., lb.	.09 -	—
l.c.l., dlvd.....lb.	.09¼-	—
red seal, bgs., c.l., dlvd.lb.	.08½-	—
l.c.l., dlvd.....lb.	.08¾-	—
white seal, bgs., c.l., dlvd. lb.	.09½-	—
l.c.l., dlvd.....lb.	.09¾-	—
USP,[6] 50-lb. ctns., c.....lb.	.10½-	—
l.c.l. .....lb.	.10¾-	—
Zinc oxide Pac. coast prices ½c. higher. Bbl. prices ½c. higher than bgs.		
Resinate, 8.7% Zn, 100-lb. dms. lb.	.14½-	—
fused, pale, bbls.....lb.	.11 -	.12
precipitated, dms., dlvd....lb.	.15 -	—
Silicofluoride, bbls.....lb.	.15 -	.16
Stearate, tech., ctns., c.l., frt. equald..lb.	.29 -	—
ton lots, frt. equald...lb.	.30 -	—
smaller lots, frt. equald.lb.	.31 -	—
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs.	3.40 -	—
l.c.l. .....100 lbs.	4.15 -	—
flake, bgs., c.l.....100 lbs.	3.80 -	—
l.c.l. .....100 lbs.	4.55 -	—
powd., bgs., c.l.....100 lbs.	5.35 -	—
l.c.l. .....100 lbs.	6.10 -	—
Zinc sulphate in bbls., 25c. higher.		
Sulphide,[1,5] pure, bgs., c.l., dlvd..lb.	.08¼-	—
l.c.l., dlvd.....lb.	.08½-	—
bbls., c.l., dlvd.....lb.	.08½-	—
l.c.l., dlvd.....lb.	.08¾-	—
barium pigment, bgs., c.l., dlvd..lb.	.0560-	—
l.c.l., dlvd.....lb.	.0585-	—
calcium pigment, bgs., c.l., dlvd..lb.	.0560-	—
l.c.l., dlvd.....lb.	.0585-	—
Zinc sulphide, fluorescent, pigment, works, frt. alld..lb.	.90 -	1.00
magnesium pigment, bgs., c.l., dlvd..lb.	.05¾-	—
l.c.l., dlvd.....lb.	.06 -	—
Zinc sulphide Pac. coast prices ¼c. higher. Bbl. prices ¼c. higher than bgs.		
Sulphocarbolate, NF, bbls., dms., lb.	.28 -	.31
Tallate, 5% Zn, 50-gal. dms..lb.	.09¾-	—
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.65 -	—
l.c.l., works.....100 lbs.	6.70 -	—
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb.	2.50 -	2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb.	.06 -	—
l.c.l., dlvd. E. of Rockies. lb.	.06¼-	—
dlvd. Pac. cst.....lb.	.06½-	—
ex whse., Pac. cst....lb.	.07 -	—
Zirconium hydride, cns., works. lb.	7.00 -	8.00
Nitrate, kgs., works.....lb.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00	-100.00
white, 98%, grd., kgs., works. ex whse., Pac. cst....lb.	.07 -	—
lb.	1.80 -	2.00

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for November 6.

DeVilbiss Company, Toledo, Ohio, has won for the third time the Army-Navy Production 'E' Award.

Paint Company Groups Forming for N.Y. Party

Group attendance at the Christmas party of the New York Paint, Varnish and Lacquer Association, to be held in the Waldorf-Astoria December 7, is being planned by several companies representing all classes of membership, according to Renshaw Smith, jr., president. Department heads and key employees who seldom get to the association affairs are getting guest tickets this year, said Mr. Smith. Started by one large corporation, the idea has taken hold and other block reservations are being received.

Harold M. Johnson, chairman of the program committee, welcoming the idea, as he wants a real turnout for the dinnershow and floorshow, says:—

It's old stuff for a program chairman to say a lot of surprises are in store, but you can write it down for me that right at the start of the dinner (7:15 p.m. sharp) there will be a surprise number that will make 'em stand up in their places (that's a prophecy worth noting, says the publicity chairman), and from then on there will be a progression of numbers seldom equalled at an affair of this kind.

Fats, Oils, Output, Consumption: September

The preliminary statistics of the factory production and consumption of animal and vegetable fats and oils for September, 1944, as compiled by the Bureau of Census, follow:—

	Pounds—Consumption	Pounds—Production
Vegetable Oils		
Babassu, crude.....	.....	[3].....
Refined	[2].....	[3].....
Castor, No. 1, crude...	10,508,000	12,500,000
No. 3, crude.....	3,160,000	4,076,000
Dehydrated	6,270,000	6,373,000
Sulphonated	.....	500,000
Chinawood or tung oil.	.....	950,000
Coconut, crude.....	[2].....	15,613,000
Refined	5,953,000	6,654,000
Corn, crude.....	16,251,000	16,647,000
Refined	16,774,000	3,195,000
Cottonseed, crude.....	105,460,000	62,817,000
Refined	58,351,000	73,598,000
Linseed	70,192,000	49,447,000
Olive, edible.....	.....	54,000
Inedible	.....	15,000
Sulphur oil or olive foots	.....	199,000
Oiticica	.....	1,042,000
Palmkernel, crude.....	[2].....	[3].....
Refined	.....	.....
Palm, crude.....	.....	4,549,000
Refined	[3].....	[3].....
Peanut, crude or virgin[1]	4,926,000	7,190,000
Refined	7,059,000	8,054,000
Sesame	.....	86,000
Soybean, crude.....	82,862,000	98,152,000
Refined	91,561,000	90,827,000
All other.....	11,378,000	5,765,000
Animal Fats		
Lard, rendered (including neutral lard and rendered pork fats)	116,966,000	24,551,000
Neatsfoot oil.....	255,000	388,000
Tallow, edible.....	6,160,000	10,245,000
Inedible	70,319,000	104,411,000
Fish Oils[4]		
Codliver oil.....	361,000	710,000
Cod oil.....	71,000	919,000
Marine mammal oil....	.....	1,288,000
Other fish oil except liver oil.....	[5]31,583,000	15,146,000
Other liver oil.....	673,000	918,000
Greases		
Greases (including garbage and house), other than wool.....	42,433,000	58,648,000
Wool grease.....	1,488,000	1,792,000
Secondary Products		
Animal fat and oil fatty acids.....	16,050,000	17,684,000
Animal foots, 100% basis	3,363,000	3,617,000
Fish and marine mammal fatty acids.....	1,252,000	594,000
Grease and lard oil....	3,909,000	3,853,000
Oleo oil.....	3,889,000	775,000
Red oil or oleic acid....	6,297,000	4,978,000
Stearic acid.....	4,368,000	3,629,000
Foots, from fish and marine mammal oil (100% basis).....	[6].....	68,000
Stearin, animal, edible.	2,400,000	2,551,000
Inedible	2,737,000	1,008,000
Stearin, vegetable oil, winter	4,310,000	8,872,000
Tallow oil.....	1,356,000	989,000
Vegetable oil fatty acids from foots and other than from foots including fatty acids from tall oil, palm oil, refuse, etc.....	13,816,000	12,262,000
Other Products		
Glycerin, chemically pure (100% basis)...	7,785,000	7,470,000
crude (100% basis)...	16,825,000	17,562,000
high gravity and yellow distilled (100% basis)	8,745,000	6,814,000
Hydrogenated oils, edible	87,113,000	86,455,000
Inedible	23,699,000	28,101,000
Shortening	117,841,000	328,000
Winterized vegetable oils	21,397,000	.....

[1] Bureau of Agricultural Economics collected the data from peanut oil producers.
[2] Included in "All other" vegetable oils.
[3] Not shown to avoid disclosure of individual operations.
[4] Fish and Wildlife Service collected the data from fish oil producers.
[5] Includes 25,350,000 pounds of herring, sardine and pilchard, and 4,952,000 pounds of menhaden for September, and corresponding figures for August are 13,589,000 and 9,538,000.
[6] Not shown to avoid disclosures of individual operations.

One important phase of fire-proofing in war, the treatment of life preserver jackets, points the way to the flame-proofing of building tarpaulins and many other textiles in the post-war period.

THE extensive use of textiles in war demanded improved "fire-proofing" technique, as well as more permanent fire-retardant treatments. To meet this demand, our Laboratories developed Zinc Borate-3167 for use in those fire-resistant compositions that also offer resistance to mildew, weathering, water and other solubilizing agents. Zinc Borate-3167 has been widely used to provide flame and afterglow resistance in impregnating and coating compositions for application on canvas, duck, drill, osnaburg cloth and shrimp netting, with highly satisfactory results.

The fabric is impregnated by dipping into the fire-proofing mixture (which includes the color pigments), and then passed through squeeze rolls or doctor blades set to control uniform application and the desired increase in the weight of the fabric. Since the fire-retardant compound is non-aqueous, shrinkage is not a problem.

POSTWAR APPLICATIONS

Our Laboratories are continuing research and development work on the use of Zinc Borate-3167 in paints, synthetic rubbers, and plastics. *Why not investigate the possibilities of using Zinc Borate-3167 in the preparation of such fire-retardant products as paints, building materials, paper, wall boards, floor coverings, draperies, work clothes, aprons and gloves, welders' curtains, awnings, canopies, tarpaulins, upholstery, electric cable sheathing, mechanical rubber goods?*

* * * *

• An illustrated booklet "Properties and Uses of Zinc Borate-3167, Fire-Retardant" is available on request. Send for your copy today. It offers a possible answer to immediate and postwar "fire-proofing" problems.

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Development Products Division

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Anticipation Is Hurtful

It was suggested in these columns a few weeks ago that the growing generosity in the views of war agency officials toward the expansion of production for civilian use was premature and was damaging to the big job of prosecuting the two wars in which the United States, as a nation, and a fairly large proportion of its citizenry are engaged. There has been, of late, so much talk and thought and planning about anticipating postwar conditions that the needs of war are suffering badly from inadequate consideration—largely because of the spreading of the popular habit of leaving the hard things for somebody else's doing. The war efforts of the United States are not being adequately supported in essential production.

The War Production Board admits that, in changing the first word in its title to "Postwar" with respect to many activities and opening the gates to production outside war's needs, it was ahead of schedule. It now faces the necessity of restoring some priority restrictions and allocation stringencies. Its "spot" reconversion idea is backfiring in places.

Talk about postwar planning has done harm to the country's war efforts, paralleling that done by the expressions about wishfully thought early termination of hostilities. Blame is laid upon those labor groups which have been disregardful of the needs of war in their slowing up and shutting down of essential production over relatively minor grievances. The blame is theirs, but it is also to be shared by those in places of different influence who forget today in their verbose, avaricious anticipation of a tomorrow whose distance they persistently shorten against the dictates of all realistic logic. Such are the influences by which human behavior is shaped.

The unfortunate anticipation of the aftermath of wars as yet far from ending is aggravated by the international squabbling over which nation is to be queen of the seas; which, czar of the air; which, controller of the export markets of the world. Everybody drops the work he should be doing for the good of all, so that he can keep an eye on the other fellow's attempt to steal a march on him for more or less individual profit.

The world after the war is going to be made up of the same sorts of people as it comprised before the war. The postwar business of the world is quite likely to settle into the same prewar channels. No influence to the contrary has had discernible development among men. Looking with more than half an eye to postwar advantages and talking with more than a minimum of noise about postwar planning are detrimental to today's job of assuring that decent people and business will survive the war. Today's job is to win the war; if it isn't done right, there will be no tomorrow. At least psychologically, it is not now being done right.

—O-P-D—

German Industry a Peril

Whatever one may think of the methods employed by the Kilgore senatorial committee in its purpose of reforming the patent system of the United States, that judgment should not hold with respect to the committee's declaration that the only way to assure the disarmament of Germany is to smash all its contributory industries, together with their world-restricting cartels. No unprejudiced observer with the least knowledge of Germany's preparation for its second attempt at world domination can escape the conviction that industrial impotence is the only guaranty against the third attempt which German leaders, down to, at least, the fifth grade, are already predicting—and for which German industrialists already are preparing in various parts of the world.

Restriction of industrial activity to a degree or limited as to kind affected will mean nothing after, at most, five years. It will be evaded. There is that story of the workmen, ten years ago, in the plant with several score of separate buildings spread over several acres of ground—and, ostensibly, making baby carriages. Each building was devoted to the production of but one part. These were shipped separately to an assembly plant in another city. Some workmen from the different buildings, desiring baby carriages, smuggled out the parts they respectively made and swapped them among one another. Do what they could to make a baby carriage out of these parts, the assembly always turned out to be a mounted machine gun. There was no chemical plant in Germany that was not, in 1930, making an explosive or an incendiary destructive agent or a fuel for a war machine. If there is no more drastic treatment of the German chemical industry after this war, the same condition will obtain before 1960.

Only individual sapheadedness or personal profit backs any contention that German industry should be spared. The realist knows that its behavior could never be effectively policed. He knows also that it can be revived in any one of half a dozen so-called "neutral" countries, with but little less hazard for the world, unless its cartels and other methods are wholly outlawed. The cartel is not in itself a detriment to national trade; in fact, it is beneficial to domestic industry, because, although it may restrict participation in foreign markets, it also avoids foreign competition at home. Its effect on progress, production, and prices is something to be statutorily supervised. But, a cartel in which German industry has a part is not good for the world.

Why any decent peoples should wish to return to partnership with murderous pirates or even to do business with them cannot be understood by any to whom the profit motive is not humanity's most important force. Even those who desire the resumption of such relations may change their minds when the chemical industry of Germany lets loose its last-resort V weapon—the fire which the prophets of old predicted would destroy the earth.

—O-P-D—

Avoid Overselling

Salesmanship in the postwar era will be called upon to manifest a large measure of ability to exercise a sort of judgment that is somewhat foreign to its generally accepted purpose. If it does not want to push itself out of a job it will have to be able to know where overselling begins and to apply the brakes before strained credits and receding cash balances blow up a big balloon of inflation.

It is popular to warn against overspending as a begetter of inflation. Overspending will not thrive on its own stimulation. The cash-holding public is not going to rush about scattering its money prodigally. Far too large a proportion of it is not going to be so sure of tomorrow's job that today's spare cash is something to be got rid of.

Those who are preaching the gospel of bigger production to prevent unemployment sometimes figure fabulously. An increase of one-third over 1939 is a conservative goal with many advising business seers. Most of them carefully refrain from saying how many postwar years will be needed, or should be taken to make such a gain, and their listeners get the idea that not more than one postwar Christmas should be passed before Santa Claus has increased his contributions by that proportion. In all this, the old dilemma of overproduction and underconsumption has a pair of long, sharp horns. Nobody figured out how much each of those horns had to do with the 1929 puncturing of the big-business bubble. The overproduction school never showed any inclination to move across the street; neither did the underconsumption group. The middle ground is still unoccupied—and there is where overspending and overselling are going to do their stuff.

Unless salesmanship is equipped with knowledge of the trend of national income, in amount and in distribution, it will easily sell itself out of house and home. Unless salesmanship learns that packing the easy places and passing the hard rows is not the kind of distribution that is free from floods and droughts, the same old cycle of puffing perfectos and peddling pippins will again be with us.

One soothsayer—a man of more than average ability, at that—has set up a postwar goal for the chemical industry of New York city 35 percent higher than its 1939 production. The rest of the country has added much to its chemical production facilities during the past few years. Neighboring New Jersey has set a record. These things must be taken into consideration in this form of overselling. All kinds of environment, atmosphere, attitude, and education will have a big influence on selling policies, practices, and possibilities when priorities give way to preferences.

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Heavy Chemicals

No complaint has been heard so far regarding heavy chemical contract renewals and it is understood that a satisfactory tonnage has been placed by regular consumers for delivery over next year. Shortage of stocks, restrictions and regulations curtailed the extent of actual new business, although a fair export demand was apparent if the material was not. Heavy withdrawals for military use did not improve the supply situation while civilian shipments against contracts taxed production and in several instances left buying conditions tight.

Sulphuric acid was not placed under general allocation and probably will not. The tendency was to leave the market to its own devices and trust to luck it would work out all right. The supply situation in this acid was not considered critical, although it has appeared critical enough to some of the superprosphate producers. Meanwhile, the government seems to be getting a full share for high octane gasoline. Heavy shipments of hydrofluoric acid have also been moving for this purpose and it is now reported that soda cyanide is needed. No one seemed to realize how many chemicals went into aviation gas until the government cut loose.

According to trade reports, the government has grabbed most of the naphthenic acid output for specific purposes and it looked doubtful if much would reach civilians this month. Copper naphthenate came out of its soporific condition and felt the impact of an accelerated demand inspired by the need of this material for government mildew prevention. Manufacturers have the ore but have not the manpower or facilities to turn out antimony oxide in sufficient quantities to keep pace with the demand for flame retardant use. Buyers continued to find stiff resistance in all the major potash chemicals.

Paper production as a percentage of six-day capacity was 92.3 in the week ended Nov. 11, according to the American Paper & Pulp Association. This compares with 94.1 in the previous week and 89.6 percent a year ago.

Ammoniac Sal — Battery manufacturers continued to be the major consumers of this material, the active demand for batteries for government and civilian use being the motive power back of the buying. The supply situation was reported capable of meeting requests without unusual difficulty.

Antimony Oxide — Shipments reported somewhat behind schedule. Importations have kept the ore supply favorable but facilities and manpower have not been capable of making oxide in sufficient quantities to keep abreast of contracts.

Arsenic—Official advices from Columbia indicate that arsenic will be mined and arsenic products manufactured at a plant near Samana in the department of Caldas. Another plant will be established at Zipaquira to produce soda compounds.

Copper — Copper Institute reported production of crude copper in October at 82,459 tons. This was the smallest for any one month so far this year and compared with 82,776 tons in September and the May peak around 95,000 tons. Department of the Interior gives the value of New Mexico's copper production for 1943 at $19,802,000.

Copper Naphthenate—This material is reported to have become more active of late under an increased demand from the government for mildew prevention.

Nickel Sulphate—Continued to attract increasing buying interest. Scarcity of material restricted actual business but it seemed apparent there was a growing desire to build up inventories of plating liquor well in advance of the manufacture of automobiles.

Potash Carbonte — Withdrawals for government use has taxed production and left the civilian supply short of demand. The scarcity of stocks has forced delayed shipments and the market was reported definitely tight. Exporters asserted that considerable business could be placed with South American countries if the material was made available.

Potash Caustic — Situation not unlike carbonate. Demand has exceeded the producing limit temporarily and left the market in an exceedingly tight position.

Potash Chlorate — Output felt the pressure of heavy allocations and it looked as though production would be under pressure for the remainder of the year. The market remained firm and tight.

Potash Permanganate—Demand reported active with no easement in the supply situation in sight at present. Production has taken care of the most essential civilian requirements and that is about all.

Soda Ash — Tight position of this market has not experienced any easement so far this year and there is no indication of relaxation in sight. The amount passing into government channels combined with the maintenance of heavy civilian and export shipments has kept the supply tight and prevented accumulations. Meanwhile, a satisfactory contract tonnage has been placed with the regular consuming industries.

Soda Caustic — Consumption has continued at a lively rate with producers somewhat behind contract schedules. Aside from the renewal of regular consumer contracts, there has not been enough material available to permit extensive new business.

Soda Chlorate—Under heavy allocation over the remainder of the year. Production will probably satisfy demand, but there was nothing suggestive of much easement in the supply position during the next few weeks.

Soda Cyanide—While the supply position has remained exceedingly tight for several weeks, the market has now felt the additional impact of a more urgent demand for use in the manufacture of aviation gasoline.

Acids

Chromic — Reported exceedingly tight. Heavy shipments for government use have kept allocation for civilian requirements restricted.

Hydrofluosilicic — Supply situation reported comfortable to meet the current extent of consuming demand. Breweries showed some interest, but general demand not urgent.

Naphthenic—Material available for civilian use reported curtailed and the market remained in tight condition. Government reported as consumer of major part of current production.

Oxalic—Consuming demand reported active and covering a rather broad field. Production well sold ahead, in some instances well over the first of the year. Rapid movement of output kept available supply in tight position.

Sulphuric—Supply situation tight, but not considered critical. Washington authorities remained undecided in reference to placing the material under complete allocation. It seemed to be the opinion that allocation would not be attempted in the hope that the situation would work itself out. The contention was that it would take several months to get allocations going, whereas the problem is right now. Some talk was heard of expanding

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

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production, but nothing was decided definitely.

Insecticides

Manufacturers are restoring inventories in preparation for early distribution. Indications are that the availability of supplies, both in industry and to agriculture, will depend largely on federal agencies, during the coming year. The anticipated relaxation of some controls has not materialized. The importance of growers buying and storing spray and dust materials is emphasized. Problems of manpower, containers, lend-lease and other export requirements will continue.

War Food Administration purchased for lend-lease 17,125 pounds of nicotine sulphate in bottles or tins at an average price of $1.59906 per pound, Louisville, Ky. The date of purchase was October 31, and the material tested 40 percent nicotine.

Foreign advices state that several hundred thousand derris cuttings have been imported into El Salvador and distributed to farmers during the fiscal year ended June 30. Pyrethrum seeds were also imported and seedlings have been started. Both seeds and plants will be furnished to growers from this supply.

Exports of cube root from Peru during the first six months of the years 1942, 1943 and 1944 have fluctuated considerably, both in volume and value, according to official Peruvian statistics. During the first half of 1942, exports totaled 965 metric tons, valued at 1,369,000 soles. In the same period in 1943 exports dropped to 603 tons with a value of 925,000 soles. Shipments during Jan.-June, 1944, increased to 741 tons, with a value of 2,013,000 soles.

N.J. Fertilizer Problems

—Continued from page 5

fertilizers well under the soil and the splendid results of plenty of water.

Dr. V. A. Tiedjens spoke along similar lines, while Prof. John Campbell referred to the use of potash on the potato crop and asserted that proper irrigation was a real part of the potato-growing industry. Dr. Firman E. Bear spoke in detail of soil deficiencies, fertilizer placement, calcium-potash relationships, and lime problems. Prof. H. R. Cox said that ammonium nitrate had greatly increased the yields of corn, wheat, oats, and barley. Mr. Cole was strong in his advice for early buying, and H. J. Smalley, of the National Fertilizer Association, was also strong for this advice. Dr. Thornton spoke of the elements of fertilizer and gave some interesting data on boron.

George Worman, of the Department of Labor, referred to labor conditions and so did Mr. Taylor. Dr. Wahl, of the National Fertilizer Association, spoke of labor ceilings, while Mr. Roe, of the State labor department, made some interesting remarks on the availability of foreign labor.

In general everyone agreed upon the advisability of farmers buying their fertilizer early. The opinion was unanimous that, if it was important to purchase fertilizer supplies early last year, it is doubly so this year.

Penna. Salt Adds To Research Staff

Pennsylvania Salt Manufacturing Company has announced the following additions to its research and development staff:—Miss Isabella A. Romans, formerly with Chloramine Corporation; Dr. George McCoy, formerly instructor of organic chemistry at the University of Pennsylvania; Ward W. Whitebread, of the General Chemical Company; Harry Green, of the Lion Oil Refining Company; Mr. Savin Zavarella of Pratt Whitney Aircraft Corporation; Mr. Harold B. Staley of Cochrane Corporation; and Dr. Frank W. Panepinto of the Warner Company.

New staff members also include Miss Mary F. Hensler and Miss Helen Cunningham of the College of Chestnut Hill and Miss Mildred E. Raesler of Pennsylvania State College.

Davison to Build Sulphuric Acid Unit

The Davison Chemical Company Corporation is erecting a new acid plant with a capacity substantially in excess of the present facility. The plant is expected to be completed around the first of the year.

Soda Nitrate, Chlorate Licensed for Farmers

OPD Washington Bureau

Purchase of nitrate of soda or nitrate of ammonia for use as fertilizer and of chlorate of soda as a weedkiller has been continued under general license under the explosives act until June 30, 1945, unless sooner terminated. The provisions of the general license apply to any person, as defined in the act—

. . . who, as owner, manager, tenant, or sharecropper, operates a tract of land for the production of food, fiber, medicinal herbs, tobacco, or inedible oils, authorizing him to purchase and possess sodium nitrate and ammonium nitrate as a fertilizer and sodium chlorate as a weed-eradicator on that tract of land and to use them for those purposes thereon. It does not cover any person, citizen, or alien, who is prohibited by regulation or proclamation of the War Department or other Federal agency from possessing, using, or controlling explosives or component parts thereof.

The general license relieves those covered by it from securing individual licenses for the purposes specified and from keeping records on the acquisition and use of sodium nitrate, ammonium nitrate, and sodium chlorate, but not from any other duty under the explosives act or its regulations. The general licensing of purchasers does not relieve persons selling or otherwise disposing of sodium nitrate, ammonium nitrate, or sodium chlorate to them from keeping the records required by section 5 of the act and 301.14 (d) of the regulations.

The specific exemption of inedible oils, and not of edible oils more or less covered under foods and fibers, is said to have been made at the request of the War Food Administration to encourage production of inedible oils.

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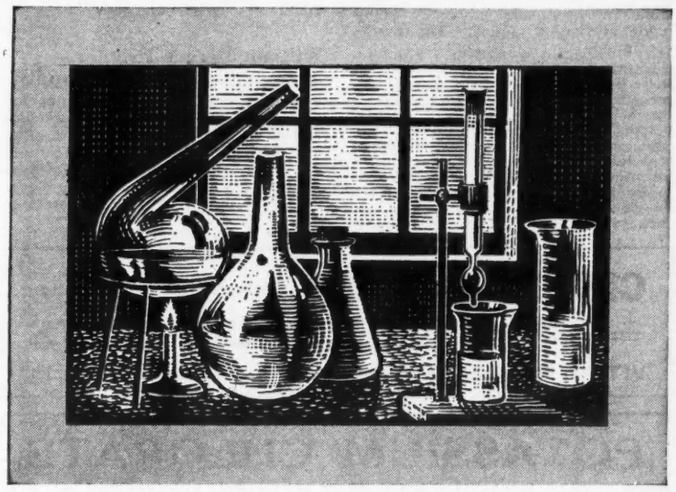

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Pyrene Co. Forms Industrial Research Unit

A new industrial research and development organization, the Pyrene Development Corporation of Newark, N. J., has been formed as a subsidiary of the Pyrene Manufacturing Company, also of Newark, makers of fire extinguishing equipment and automobile tire chains. The officers of the new organization, drawn from the executives and directors of the parent company, are Charles G. Durfee, president; Edward J. Waring, vice-president, and Edward A. Clapp, secretary and treasurer.

The new organization will not only carry out research on fire extinguishing equipment and compounds but will also work in the larger field of safety devices and other means for conserving life, health and property.

Smash German Industry

—Continued from page 3

In its consideration of cartels in the postwar era, the committee denied that the United States would be excluded from foreign markets if we did not join cartels. American industry in the past has voluntarily excluded itself from foreign markets by virtue of its membership in cartels, it was argued. It has been said, the report continued, that cartel agreements would assume the character of cooperative action among nations if they were publicly registered or subjected to government scrutiny; they would not, it was added. Mere registration would not endow them with a national character; only agreements among national governments provide the framework for genuine international cooperation.

Discussing its recommendation for new methods of interchange of scientific and technical information the committee suggested that there be set up within the framework of the international economic organization a special section where representatives of the nations would meet and work out agreements assuring the most rapid and useful scientific exchange. This country should have a scientific agency to represent it in such an international body, which would make available to the United States government and industry as rapidly and as fully as possible the scientific advances being made abroad, it added. The report continued:—

In this connection it is suggested that there be a revision of the present patent procedure with respect to inventions originating abroad. The primary intention of United States patent law is to promote the progress of the domestic sciences and arts by granting patents to inventors. The application of these laws to foreign-originated discoveries cannot be viewed as serving this purpose. In fact, your subcommittee has found that the application of the domestic patent law to foreign-initiated discoveries has been one of the mainstays of the international cartel system.

In order to prevent any possible repetition of these restrictions on domestic production and interference with national defense, the present patent laws could be revised so as to require that any discovery originated abroad be licensed to any American producer who wishes to use it on a nonexclusive basis for payment of a reasonable royalty. For this purpose foreign-originated patents could be registered with a designated Federal agency which would determine the amount of reasonable royalty after representations by the foreign inventor and the prospective domestic license. By international agreement the United States could arrange that this same agency represent American inventors abroad in securing patents and collecting for them reasonable royalties.

Dewey Gets Medal

—Continued from page 3

Section of the American Institute of Chemical Engineers, held at the Hotel Roosevelt, New York. The chairman of the American section of the society, Dr. Norman A. Shepard, presided.

Charles Almy, vice-president of the Dewey & Almy Chemical Company, spoke about the personal side of the medalist's life. Dr. Vannevar Bush, president of the Carnegie Institution of Washington, told of Col. Dewey's scientific and technical accomplishments and Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, addressed the meeting on the medalist's part in educational matters.

Chemical Patents Claims To Be Heard by APC

Three patents on chemical processes vested by the Alien Property Custodian have been claimed by others than the recorded owners. The claims of Colos International Company for Commerce & Industry covering United States patents 1,890,645 on a process of metalizing and 2,010,805 on metal coatings on celluloid substitutes will be heard November 20. The claim of Richard D. Heins covering patent No. 2,151,398 on a method of producing air foam will be heard November 22.

Both hearings will be held in the APC office at 120 Broadway, New York.

William Berger Partner In General Laboratory Supply

William Berger, formerly connected with the New Jersey Laboratory Supply Company, Newark, N. J., has joined the General Laboratory Supply Company, Paterson, N. J. The General Laboratory Supply Company was formerly known as the Laboratory Supply Company.

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Fertilizer Materials

Figures compiled by the American Potash Institute show that North American deliveries of potash salts during the third quarter of 1944 amounted to 205,235 tons, equivalent to K_2O, an increase in K_2O of 16.7 percent as compared with the same period in 1943. Of this amount, 184,501 tons were for agriculture. During the first nine months, shipments for agriculture were 532,532 tons of K_2O, an increase of 16.3 percent over the corresponding period last year. During the nine months of this year shipments for agriculture included 750,184 tons of muriate, 164,299 tons of manure salts and 108,611 tons of potash sulphate and potash magnesia sulphate.

According to official figures, fertilizer tax tag sales in October represented 283,000 tons against 368,000 tons a year ago and 222,000 tons in 1942. This year October was below those of the corresponding month in 1943 but were substantially above any other preceding October. In the five years from 1937 to 1941, October sales averaged 175,000 tons. Total sales in the first ten months of this year underran 1943 sales by 72,000 tons but were 834,000 tons above 1942.

Three Canadian companies have produced 425,000 tons of ammonia nitrate from the beginning of the war to March 31, 1944. Of this amount 130,000 tons were exported to the United States and 23,000 tons were sold for use in Canada.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Nitrogenates

Ammonia Sulphate—Supply situation has shown a tendency to tighten owing to a scarcity of other nitrates and a shifting of demand to ammonia sulphate. Steady shipments have been made to mixers, the movement being regulated by WPB.

Bone Meal—Sales confined to feeders. Demand reported somewhat below seasonal expectations. Sellers holding at ceiling levels which seemed to be above buyers' views. War Food Administration purchased 11,200 pounds of steamed bone meal on October 28 at .02461c. per pound in burlap bags, Long Island City, N. Y.

Castor Pomace—No improvement in the supply situation was reported. The continued scarcity of offerings has restricted activity, while there was no easement in the extent of consuming inquiry.

Dried Blood—Irregular activity was about the best that could be noted. Feeders operated for current wants, while sellers held firm at ceiling levels. Moderate quantities of domestic were reported available at the close of the week.

Fish Meal — Reported scarce and firm in Eastern areas but in better supply on the Pacific coast, where production has been considerably above the average. Demand in the West has been satisfied to a large extent, with activity showing a tendency to slow down.

Soda Nitrate — Consuming demand reported heavy with shipments moving freely to satisfy allocations. This condition applies to both domestic and imported. Arrivals have been sizable, but demand has prevented the accumulation of stocks.

Tankage — No unusual activity reported. Feeders took some material but were not very urgent in their demands. Some domestic was said to be available at ceiling figures at the close.

Phosphates

Phosphate Rock—Reported in heavy demand for acidulating purposes both at home and for export. Contract shipments have gone forward in steady volume with output well sold ahead. Labor shortage seemed to be about the only unfavorable influence at the present time.

Superphosphate—Lower superphosphate production in September than that registered for the corresponding month in 1943, marks the second consecutive month in which output was below that of 1943. This followed a period of more than a year when production in each month was larger than in the same period of the preceding year. September shipments were below a year ago, more than offsetting a rise in the quantity used in the manufacture of mixed fertilizer. Stocks at the end of the month were larger than at the beginning, as production exceeded shipments and use in mixed goods. Bureau of the Census reported the total supply of normal 18 percent for September at 1,242,998 tons, total disposition amounted to 459,724 tons, leaving stocks on hand at the end of the month at 783,274 tons. Stocks on September 30, 1943 were 764,180 tons.

Potashes

Production has kept the supply position favorable enough to permit full shipments against allocations. Increased potash supplies should permit mixers to turn out fertilizer with a higher potash content according to the American Potash Institute. Mixed fertilizers should carry as much potash as they did before wartime demands resulted in reductions. Increased supplies of potash should help materially in the productive yields of grains, sugar, cotton and tobacco.

Sulphur and Pyrites

Sulphur demand reported holding around peak and without sign of easement. Enough material in sight to comfortably supply requirements and then some while transportation facilities, so far, have been able to move shipments without unusual delay. Spanish pyrites market subject to uncertain shipments from supply points. No price change was reported.

Markets at Other Centers

Atlanta, Nov. 17.—Production of superphosphate was reported behind last year, not because of insufficient rock but because of labor shortage and available sulphuric acid. Mixing plants, operating as fully as the labor shortage will allow, are reported somewhat behind last year. Thus far, accumulated materials permit of full operation but as the supply of materials such as superphosphate and some of the nitrogenates, become scarcer, the rate of production will slow down, this in the face of what is expected to be the heaviest demand ever experienced. Extending superphosphate and nitrogen by making grades containing the lower percentages, is being considered by fertilizer manufacturers as a possible solution, though they prefer to sell more plant food per ton than the higher grades carry.

Baltimore, Nov. 17.—Fish Scrap—With menhaden fishing in Chesapeake Bay and outside of the Virginia capes ended for the season, there were no further stocks of this ammoniate to be obtained for the manufacture of fertilizer or feeds, and the region of activity was transferred to areas farther South, where the output of scrap proceeded slowly because of the poor hauls of fish. Moreover, the markup for meal remained so low as to give little encouragement to grinders, so that the transformation of materials was small. The ceiling on scrap remained at $1.21 per unit of protein, with traders finding it as advantageous to sell scrap in its original state as to turn it into meal. Scrap is being sold about as fast as made, there being no chance to hold it for an advance.

Chicago, Nov. 17.—Demand for nitrogenous fertilizer materials continued to run at relatively high levels, while supply, based at least in part on rather moderate livestock receipts, held within rather restricted limits. Blood has been in good call, with tankage attracting some attention. Bone materials have shown continuing good buyer interest. Dried Blood—Principal grade, $5.53 per unit of ammonia. Tankage — Feeding grade, $5.53 per unit; hoof meal, $4.25 to $4.50; liquid stick, tankcars, $2.50 to $2.65. Bone Materials—Ground, steamed bone, 3 and 50 percent, $35 to $38 per ton; cattle jaws, skulls and knuckles, $45 per ton; dry rendered tankage, hard pressed, $1.10 to $1.15 per unit; 50 percent meat and bone scrap, $68 to $70.

Los Angeles, Nov. 17.—Government orders held nitrogens firm and tight. Fish meal offerings readily taken although demand less urgent. Production last week light, account of full moon, but output for season is above 1943.

For Current prices see alphabetical listing beginning on page 9.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A. — Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
THE DICKERSON COMPANY
BROKERS — IMPORTERS — EXPORTERS
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A PRODUCT OF NEW MEXICO U.S.A.
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MURIATE OF POTASH
62/63% K_2O ALSO 50% K_2O
MANURE SALTS
22% K_2O MINIMUM
UNITED STATES POTASH COMPANY
Incorporated
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There can be no finer product than PCA's Red Muriate of Potash. Literally as well as figuratively it is "The Salt of the Earth".
PCA leads in total production of 60% Muriate. Its Red Indian trade-mark is becoming more and more important in the fertilizer industry... more and more important to the farmers who rely upon your mixtures to help them make their crops.
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OPD—11-20-1944 41

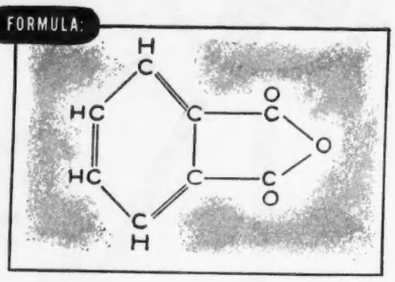
PHTHALIC ANHYDRIDE

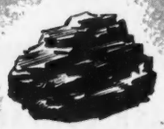
DEFINITION: Phthalic anhydride is the anhydride of phthalic acid (ortho dicarboxylic acid of benzene). It is a pure white chemical raw material in the form of small, free-flowing flakes.

HISTORY: Laurent and Marignac first obtained phthalic anhydride by warming phthalic acid with acetyl chloride.

FORMULA:

$C_8H_4O_3$





SOURCES: Phthalic acid was formerly prepared by oxidizing naphthalene with concentrated sulfuric acid in the presence of a small amount of mercury or mercuric sulfate. The anhydride is now manufactured catalytically by passing heated air and naphthalene vapor over vanadium pentoxide.

CHARACTERISTICS: Phthalic anhydride forms, on sublimation, long, tough crystalline needles which are slightly soluble in cold water and quite readily soluble in hot water to form phthalic acid. Minimum solidification point 130.5°C; boiling point 284°C.

USES: A raw material for many ester-type plasticizers for lacquers and industrial finishes. Basic material for anthraquinone, dyes, phenolphthalein, etc. Used in making synthetic alkyd resin finishes.

GRADES: Pure white flakes shipped in wooden barrels — even net weight 275 lbs. and in multiwall paper bags — even net weight 80 lbs.

NOTE: Deliveries today are restricted by the primary requirements of phthalic anhydride for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

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ALLIED CHEMICAL & DYE CORPORATION
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The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.
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Coaltar Chemicals

Although no easement of supply conditions could be noted in basic coaltar products, some improvement was reported in the shipment position of benzol and toluol. Deliveries were made closer to schedule and both markets have revealed a better degree of balance. Xylol supply conditions did not improve to the same extent. Demand has pressed productive capacity and the market presented a rather distorted appearance with little in sight that suggested easement for the remainder of the year. Heavy withdrawals of naphthalene held the supply situation exceedingly tight. The creative force that was primarily responsible for the present overall situation was the government purchasing power. Aviation gasoline, explosives and other essential requirements both directly and indirectly represented the major outlets for current production.

Basic influences were vividly reflected in the extent of output in dyestuffs and intermediates. Consuming inquiry covered a wide field in which essential requirements of regular buyers came first. Aniline oil shipments kept stocks definitely tight. Desire to satisfy a good part of the alkyd resin demand kept the movement of phthalic anhydride at the boiling point and forced pressure all the way back to naphthalene. Maleic anhydride also felt the influence of an urgent demand for synthetic resins.

WPB has placed phthalaic anhydride, maleic anhydride and maleic acid under order M-300 and revoked M-214.

Steel operations for the week beginning November 13 were scheduled at 96 percent of ingot capacity compared with 96.3 percent for the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 97 percent. The current schedule is equivalent to a production of 1,727,000 net tons of ingots and castings for the week, compared with 1,704,600 net tons for the corresponding week in 1943.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Basic Products

Benzol—Some of the major producers have made headway in their deliveries and are about on even beam with contract schedules. Such conditions do not imply any easement in the overall supply situation but do show relief from the jam current a month or so ago. Government withdrawals have continued heavy for military uses and output has been distributed rapidly for essential requirements.

Creosote Oil—Shipments for government and civilian wants have taken care of production and kept inventories relatively low. The outlook seemed to favor the maintenance of demand owing to extensive wood processing programs.

Cresylic Acid—Additional importations of foreign material were noted. Home demand was reported rather urgent for imported cresylic and the market has tightened appreciably during the past few weeks. Domestic cresylic was also in heavy demand for home consumption and for export to South America. In regard to the latter, it was reported that considerable difficulty has been encountered in securing export releases and that the outflow has been restricted.

Naphthalene — Reported definitely tight with no apparent easement of demand in sight. Included in the active channels of distribution was phthalic anhydride. This reflected the heavy call for synthetic resins and plasticizers required for specific government wants and essential civilian requirements. Mothproofing inquiries were also in the market, with only very high priority orders receiving recognition.

Toluol—Military requirements reported sufficiently heavy to black out most of production for civilian use. The supply position remained exceedingly tight with no easement anticipated until the European war is over.

Xylol—Supply position probably tighter than at any time this year. Demand, mostly for government use, has overtaxed productive capacity and created a rather distorted market situation temporarily.

Chicago, Nov. 17.—The coaltar bases market has held firm, with tone steady and movement active. Benzol continued to attract considerable attention, while sources were rather skimpy. In general the market was strong. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 30c.; industrial xylol, same basis, 27c.; 10-degree xylol, same basis, 30c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexanol—Supply position showed slight improvement. Demand was not as urgent as noted earlier in the year and the movement for use in the manufacture of synthetic resins at present is not of a character to overtax production. Some material was reported available for shipment.

Cyclohexanone—Production reported to have caught up with demand, leaving some material available for shipment. The supply position was admitted to be sensitive and might change easily under the impact of increased buying orders.

Coaltar Acids

Benzoic, Technical—Withdrawals by regular consumers are taking care of production and keeping inventories low. Difficulty in obtaining basic material has checked any tendency to increase output.

Cleve's—Essential requirements have proved adequate to absorb production and prevent any appreciable expansion in the available supply.

Gamma—Moved into consumption about as rapidly as produced. While essential requirements have been covered, there was not enough material to ease the former tight supply position.

Maleic—Transfer of maleic acid and maleic anhydride to M-300, the general chemicals order, was announced Nov. 16 by WPB. This is in line with placing chemicals and allied products under the control of a single order, the agency said. According to the provisions of the order, the small order exemptions is now 175 pounds per month in the aggregate.

Picramic—Sufficient material was shipped through industrial channels to hold the supply situation tight. Manufacturers of dyes, plastics and cements were represented in the week's movement.

Sulphanilic — Reported in similar condition to other coaltar acids. Essential wants were covered, with regular consumers getting the preference.

Other Intermediates

Anilin Oil—Supply position continued tight. Shortage of benzol has placed a limit on production, and allocation has made distribution as equitable as possible. Meanwhile, demand was reported active with manufacturers of synthetic rubber, dyestuffs and chemicals included in the list of consumers.

Betanaphthylamine—Available material scarce owing to restricted production brought about by shortage of basic supplies. Tight stocks contributed strength to market's position.

Diethylanilin—Not much chance of

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Nov. 11, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,178,489
Benzol	gals.	3,745,358
Coaltar	gals.	14,618,978
Creosote oil	gals.	773,235
Naphthalene	lbs.	1,631,043
Phenol	lbs.	217,472
Toluol	gals.	749,071
Xylol	gals.	169,145

For Current prices see alphabetical listing beginning on page 9.

KOPPERS

Benzol

Toluol

Xylol

Phenol

Cresols

Xylenols

Cresylic acid

Naphthalene

and other coal tar chemicals

TOLUOL

KOPPERS

The Industry that serves All Industry

KOPPERS COMPANY, INC. • TAR & CHEMICAL DIVISION • PITTSBURGH 19, PA.

improved supply situation until the benzol position permits some easement in anilin.

Dinitrotoluene—Some movement reported for government and essential civilian use but inventories remained low under difficult producing conditions.

Nitrobenzene—Position not unlike other materials depending upon benzene as a starting point. Covering essential requirements was about the best that could be reported.

Paradichlorobenzene—Reported definitely tight. Curtailed production has been taken rapidly by regular consumers for moth control, leaving the market almost bare of available stocks.

Phthalic Anhydride—Market continued to feel the impact of heavy demand, the call for synthetic resin use being pronounced. Recent increased production has not eased the supply situation while WPB has endeavored to make an equal distribution of material available. WPB has placed this material under order M-300 and revoked order M-214. The monthly exemption for phthalic anhydride is 10 pounds per month.

Coaltar Colors

Aside from shades desired for military use, a steady civilian demand was reported chiefly for colors covering Spring fabrics. While assortments were narrowed to some extent by difficulty in securing basic ingredients and manpower shortage, many essential requirements were satisfied. The movement of certified colors measured about up to seasonal expectations.

Esposito Honored

J. R. Esposito was the honored guest at a birthday dinner given him by twenty Interchemical Corporation and divisional executives at the Union Club, October 19. Mr. Esposito has been president of Ault & Wiborg Division for thirteen years. The business has expanded greatly in that time and recently Murphy Finishes Corporation of Newark, and Scriver & Quinn of Los Angeles, were purchased and added to Interchemical Corporation industrial finishes activities.

Washington Talks It Over

—Continued from page 5

struction materials, and other things and preparations are underway for similar questionnaires dealing with crude and manufactured drugs, toiletries, essential oils, and veterinary medicines, among others.

For the most part these inquiries, which are formalized to the extent of detailing the information desired by the department, are limited to Latin America. As conditions improve in other sections of the world, the surveys will be expanded to cover these markets.

Manufacturing Census Coming

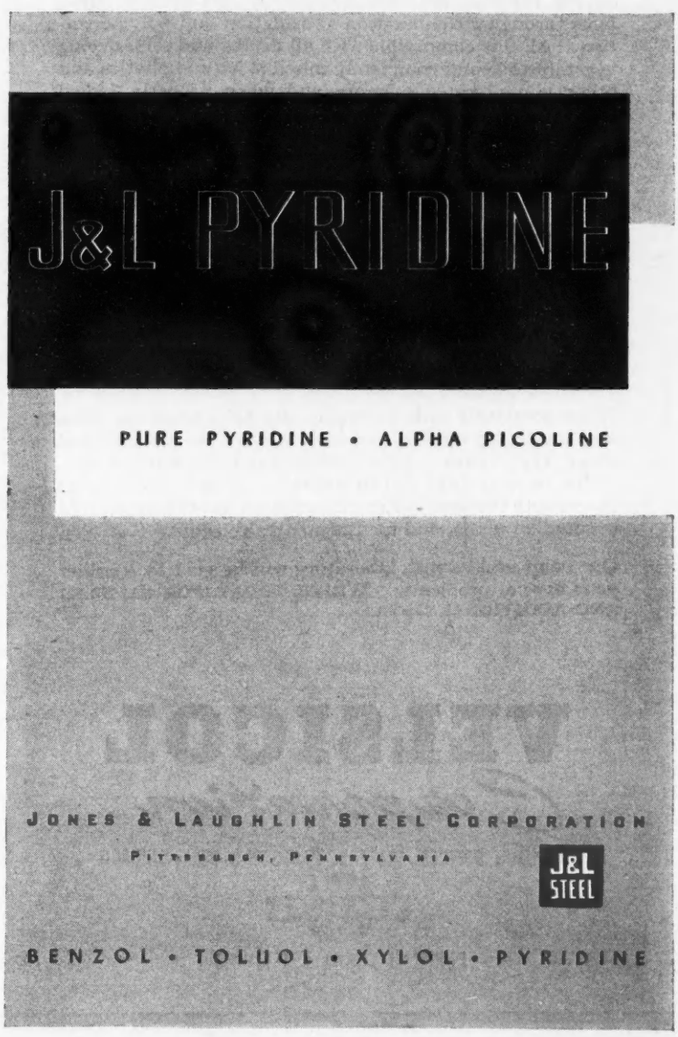
The special census of manufacturing for 1944, which is to be conducted next year by the Bureau of Census at the direction of the President, has been pretty well rounded out by the planners and will differ materially in only a few respects from the census ordinarily taken every ten years.

Probably the most important difference relates to the information to be gathered on product shipments. Instead of the usual information on quantities, the census takers will content themselves with dollar values of products shipped by product classes, and in this respect the census will be less of a breakdown than those made heretofore.

A new question to be asked is for the gross and net fixed capital account of the reporting company. The figure to be given is that which the firm supplies to the Bureau of Internal Revenue, but the census-takers want it also for what light it might throw on the reconversion problem from the standpoint of showing the distribution of investment in plant and equipment by geographical area and by industry.

Carroll Chemical Moves

Carroll Chemical Company, Baltimore, has moved from 121 South Greene street to 1603 East Saratoga street.



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Even *partial* reconversion will confront you with problems of resin suitability, quality, and availability in meeting the demands for protective finishes. VELSICOL AF-3 will enable you to respond confidently and dependably to these problems and will provide you with new concepts of resin efficiency and value. Coatings based upon it conform to the most exacting requirements, as evidence in . . .

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AF-3 is characteristic of the oxidizing and heat type resins. Its degree of unsaturation enables this resin to absorb oxygen rapidly, and thus dry quickly and bake to cured films through a combination of oxidation and polymerization. AF-3 is compatible with all drying and semi-drying vegetable oils and completely miscible with aliphatics and other non-allocated solvents, and when properly baked produces films that are tough, flexible, and highly resistant to the normal distructive effect of solvents, acids, alkalis, water and salt sprays. As AF-3 is neutral to basic pigments it will not cause livering to finished enamels.

ALUMINUM BAKING VEHICLES

AF-3 aluminum vehicles assure can stability to your ready mixed paints combined with good leafing and leaf-retention on aging. These finishes possess maximum hardness and flexibility of film when baked at 250° F. for one hour, and are outstanding for their decorative appeal.

When combined with vegetable oils AF-3 produces films that are highly competitive with those of the more critical alkyd type resins. AF-3 resin is available without allocation in solid form and in solution. Now is the time to investigate the possibilities this resin offers for your current production needs, and for the months to come.

Our paint and varnish laboratory will be glad to consider your special problems. WRITE TODAY FOR SAMPLES AND ADDITIONAL DATA.

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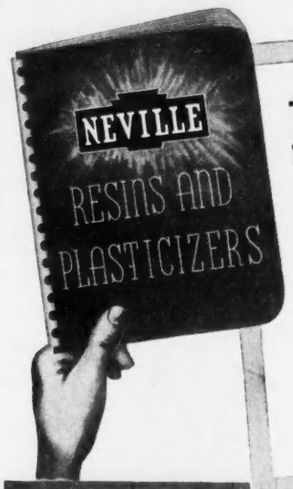

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MEFFORD CHEMICAL CO., LOS ANGELES, CAL.
D. L. WEST, PHILADELPHIA, PA.

Protective Coatings Materials

Despite some slight curtailment of military contracts in some paint lines, there has been no diminution in the aggregate volume of war orders on the books of manufacturers of protective coatings and suppliers of the principal materials entering into their composition, as the cutbacks so far demanded by army and navy procurement agencies have been amply compensated for by amplification of war production business in other directions and there is now little likelihood of any drastic cutbacks before the end of this year.

So, notwithstanding the general inability of most paint, varnish, lacquer and materials handlers to expand their civilian business to a noteworthy extent, while still handicapped insuperably by a multitude of restrictions on non-military employment of certain essential lines of materials, the total volume of sales reported by 680 leading establishments continues to reach such magnitude as to make it virtually inevitable that for the entire year they will far exceed those for the banner year, 1943.

Chief among the past week's developments affecting paint materials have been the actions of WPB, in placing synthetic hydrated yellow iron oxide pigments under control of limitation order M-383, in order to speed deliveries of these pigments to the military in view of its recently increased requirements, and in liberalizing restrictions on certain civilian uses of phthalic anhydride resins while also providing for allocations for five additional military purposes, on and after December 1; also the actions of OPA, in marking up ceiling prices for wood rosin to the extent of 32 cents per 100 pounds, while likewise providing a formula for computing maximum prices for wood rosin size, and in naming specific dollar-and-cent ceiling prices for four grades of crude talc produced in Esmeralda County, Nevada.

Market Trends

Prices Advanced

Casein, imported, 1c. per lb.
Wood rosin, FF and pale grades hitherto selling below $3.50 per unit; 32c. per 100 lbs.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Metallic Lead and Zinc

Although combined military and essential industrial takings of metallic lead are now running so heavy as to make probable a considerable depletion of the stockpile of government-owned lead by the end of this year, inasmuch as the current rate of production is now proving insufficient to meet all requirements, there is still a plethora of the corroding grade and other forms used by the makers of lead pigments. So, the latter are not yet experiencing any difficulty in filling their needs in this metal. Prices of pig lead have remained unaltered for the week Nov. 10-17 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Despite plenty of zinc ores and concentrates, the production of slab zinc continues to fall far short of all current military and civilian requirements. Hence, it is still necessary for zinc pigment makers to present priority ratings in order to obtain their quotas of these slabs. Quotations for zinc slabs have continued unchanged for the week Nov. 10-17 at 8.25c. per pound in East Et. Louis and 8.66c. in New York.

Pigments

Iron Oxide—For the avowed purpose of speeding deliveries to the military, in order to meet the latter's recently increased requirements for olive drab duck coating and procoating of the food pack, WPB has placed synthetic hydrated yellow iron oxide pigments under control of its limitation order M-383, which is similar to the recently amended "white pigments" order M-353, in that it requires suppliers to honor preference ratings only on "preferred orders" as defined in paragraph (a) (2), accompanied by proper certification as provided in paragraph (b) while otherwise "freeing" supplies of this material so that they may become available for equitable distribution among all their customers. Arrivals of 370 bags and 10 casks of iron oxide are noted.

Zinc Oxide—Although some further modification of the allocation control, under which distribution of lead-free types to non-military purpose users is still greatly restricted, continues to be sought for by these civilian users, there appears to be little likelihood of an additional liberalizing of the present restrictions at this time. And, with those consumers hitherto preferring leadfree types turning in increasing numbers to the leaded types, supplies of the latter available to the trade are likewise greatly diminished.

Fillers and Extenders

Asbestos—A fairly sizable movement of Canadian and domestic materials continues to be reported. A further arrival, this one embracing 1,727,430 pounds, has been noted.

Talc—In order to obviate further uncertainties as to maximum prices for crude talc produced in Esmeralda County, Nevada, where the highs of March, 1942, had never been considered to apply, although applicable elsewhere, because few of the independent producers there were in production prior to or during that period, OPA has announced specific dollar-and-cent ceiling prices for four grades of this generally high quality material. The ceiling prices thus fixed by OPA, on an f.o.b. Zurich, Nev., basis are:—for No. 1 selected cosmetic talc, $15.25 per ton; No. 2 mine-run white talc, $13.00; No. 3 mine-run talc (blue or blue and white mix), $10.25, and No. 4 talc filler (blue talc), $8.00. Producers' prices in other areas are governed by MPR 188, which has a base pricing period of March, 1942.

Dry and Chemical Colors

Carbon Blacks—With inventories of channel blacks showing a further reduction of 10,000,000 pounds to a level between 82,000,000 and 83,000,000 pounds on October 31, manufacturers of synthetic rubber tires are continuing to draw heavily upon stocks of easy processing and medium processing channel blacks as well as furnace blacks. Hence it is considered that there is grave danger that the already greatly reduced inventories of channel blacks will be wiped out within the next few months, so that takings thereafter will have to be made from current production.

Graphite—WPB has placed under allocation control, under the terms of conservation order M-61, the so-called "strategic graphite," meaning Ceylon amorphous graphite, either in lump or ground form, having more than 95 percent graphitic carbon content.

Driers and Flatteners

Tallates—A steadily increasing demand is still noted for these driers from all branches of the paint trade, with the normal takings nearly doubled by recourse to them as drying agents by a large number of paint and varnish makers not directly engaged in war production work, who had heretofore preferred naphthenates but who have latterly been denied authorization to use the latter. While the movement of the lead, cobalt, manganese and zinc types is still greatest in volume, there is also considerable activity and strength in all other types of these driers.

Stearates—Buying interest in these flatteners continues at white heat. Under the leadership of the zinc types, the movement of these materials is also reaching large proportions in aluminum, barium, calcium, mag-

For Current prices see alphabetical listing beginning on page 9.

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Stocks at
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BENTONITE
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B C VOLCLAY — Micron-sized powder for pharmaceuticals
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nesium and all other kinds. Manufacturers generally are experiencing difficulty in keeping pace with orders currently booked.

Lacquer Materials

Acetone—A temporary easing of the supply position, insofar as it affects civilian enduses, has lately given place to a renewed tightening of this situation with the recent redoubling of war purpose requirements.

Butyl Alcohol—In connection with WPB's recent action in making this material as well as butyl acetate subject to the provisions of schedule 65 of the general chemicals allocation order M-300, which has been in line with its purpose of placing all controlled chemicals under that order, this bureau has announced that in each case wherein application is made to use this solvent, such application should be presented on form WPB-2945, as heretofore.

Naval Stores

An OPA-authorized lifting of the price ceilings on wood rosin to the extent of 32 cents per 100 pounds, to a $3.50 basis, has served as a welcome diversion from fretting over OPA's continued delay in granting the request of the naval stores advisory committee and rosin dealers in Savannah, for making the maximum price regulation for gum rosin applicable to stocks of this commodity at all concentration points, outside of Savannah as well as to those "on yard Savannah."

Locally, there has been a moderate demand for both gum turpentine and gum rosin for export as well as domestic consumption but business in gum rosin has been considerably limited by difficulties encountered in obtaining the needed lots from Savannah and other Southern points.

Turpentine—No additional recourse has yet been had to government-held stocks of gum turpentine, as dealers in the South have continued able to meet current requirements out of the small fresh supplies and their private holdings.

Meanwhile, the official market continues stabilized at 78½ cents, with active bidding at that figure.

Savannah, Nov. 17.—Following is a record of the market for the week:—

	Bulk gallons— Cents.	Sales.	Barrels— Receipts.	Shipments.	On hand.
Monday ..	78½	1,500	18	1	26,774
Tuesdy ...	78½	...	62	242	26,594
Wednesday.	78½	3,400	29	69	26,554
Thursday..	78½	...	97	211	26,440
Friday	78½	3,000	36	261	26,215

Rosin—Overshadowing for the nonce the unsatisfactory situation in the primary markets for gum rosin, wherein only the relatively small offerings from stocks in the Savannah yards were qualified for the OPA ceiling prices in the Savannah exchange while private offerings from plants and stores in other Southern centers had to be made at their highs of March, 1942, in each instance, official announcement has been made by OPA that the base maximum price for producers' sales of FF wood rosin had been increased from $3.18 to $3.50, or 32 cents up, per 100 pounds in carload quantities, f.o.b. plant, while the base ceilings for pale grades of wood rosin, which were hitherto below $3.50 per 100 pounds, had also been advanced to $3.50.

A formula for computing maximum prices for wood rosin size has been issued by OPA, also effective November 20. This authorizes producers to use their current price for wood rosin less sales and administrative expense in computing the ceilings on this material.

The War Food Administration reports having made a special purchase of 1,031,012 pounds of liquid rosin of the tall oil type at Tuscaloosa, Ala.

Savannah, Nov. 17.—Following is a record of the market for the week:—

	Price per unit— Low of range quoted Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.05	$5.05	$5.05	$5.05	$5.05
D	5.12	5.12	5.12	5.12	5.12
E	5.65	5.65	5.65	5.65	5.65
F	5.75	5.75	5.75	5.75	5.75
G	5.79	5.79	5.79	5.79	5.79
H	5.81	5.81	5.81	5.81	5.81
I	5.81	5.81	5.81	5.81	5.81
K	5.85	5.85	5.85	5.85	5.85
M	5.87	5.87	5.87	5.87	5.87
N	6.03	6.03	6.03	6.03	6.03
WG	6.28	6.28	6.28	6.28	6.28
WW	6.55	6.55	6.55	6.55	6.55
X	6.55	6.55	6.55	6.55	6.55
	Drums—				
Sales	88	...	427	...	350
Receipts ..	269	265	225	259	94
Shipments..	290	55	300	306	296
Stocks	16,493	16,703	16,528	16,581	16,379

Tar—The War Food Administration reports having purchased a lot of 1,065 gallons of kiln burned pine tar in drums, in New Orleans.

Synthetic Resins

Ester Gum—New pricing of ester gum at the ceiling levels authorized by OPA in its amendment 6 to maximum price regulation 406, which became effective November 11, showing advances of a quarter cent per pound in the material made wholly from gum rosin and commensurate markups in combinations of wood and gum rosins, have been announced by some manufacturers within the past week while others have indicated their intention of following suit.

Phthalic Alkyd Resins—WPB has authorized the use of these resins, hitherto denied for virtually all nonmilitary purposes, in a limited number of civilian applications, such as motors, transformers and switch gear, heretofore refused, as well as in five more military applications. This liberalizing of WPB's allocation order on phthalic alkyd resins becomes effective December 1.

Varnish Gums

Copal—Awaiting further arrivals from the country of origin, Congo copal gum is in insufficient supply to meet all current requirements of varnish makers and manufacturers of resin emulsion paint and provide any considerable surplus. But, as a fairly large quantity is still due to reach this country under the permits granted for shipment of the 3,000 tons authorized by the Combined Mixed Raw Materials Board for the second half of 1944, there is little likelihood of a complete depletion of stocks here unless these shipments are greatly belated.

Shellac—Steady addition to the ranks of bleaching plants resuming production of bleached seedlac after the two-year layoff, is now assuring a fairly sizable output. However, the size of the yield from cutting operations in processing this type and orange shellac into liquid forms is still largely dependent upon the allotment of denatured alcohol for this purpose. Hopes for more liberal allocations of the industrial spirits for this purpose have recently been raised by an announcement from Washington that substantially increased use of ethyl alcohol has been promised by the War Production Board for a long list of civilian products through a supplemental allocation of approximately 2,000,000 gallons of 190-proof ethyl alcohol to the regular fourth quarter allotment. But there is no assurance as yet that this liberalizing of the allocation of ethyl alcohol will be extended to the shellac cutters, whose present allotment of denatured alcohol was recently increased from 50 percent to approximately 62½ percent.

Glues and Binders

Casein—Reflecting the tightening shipping situation between Argentina and the U.S.A., the War Production Board has arranged for compulsory curtailment of the quantity of Argentine casein to be made available here and also of consumers' inventories. WPB's new policy on this score, as outlined in a letter to the American trade issued by the head of WPB's plastics branch, sets forth its avowed intention to withhold allocations of Argentine casein for delivery to a consumer until it can be shown that the material is in the United States or afloat and also to restrict consumers to inventories not exceeding three months' supplies. Consumers who had put off providing for their prospective needs, in view of an anticipated output of casein in Argentina during the current subequatorial summer season of 10,000 tons, have rushed into the market to buy whatever they could. Meanwhile the price in the country of origin has been marked up a cent per pound further to 10¼ cents, f.o.b. port of shipment, and prices here have been advanced correspondingly to 18c.-18½c.

Glues—With more adequate supplies of raw materials coming to hand, producers of both hide and acidulated bone glues are finding themselves better situated than they were a few months ago, albeit they are still obsessed by lack of sufficient labor in their plants. Consumers, likewise, are fairly content with the allocations now granted them by WPB.

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AROPLAZ	1306 65% SOLIDS in MS	1306 75% SOLIDS in MS	1309 75% SOLIDS in MS	1305 65% SOLIDS in MS
Acid Value (Plastic).....	10-15	10-15	10-15	10-20
Color (GH 1933).....	7-9	7-9	8-10	8-10
Viscosity (GH).....	T-V	Y-Z_1	W-Y	Z_1-Z_3
Weight/Gal. @ 25C.....	7.6 lbs.	7.8 lbs.	8.0 lbs.	8.2 lbs.
Reportable Oil Content (Prox.) on plastic resin.	65%	65%	60%	44%

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Oils, Fats, and Waxes

Trading in oils and fats showed further improvement during the week. Consumers were manifesting an active interest for new crop cottonseed and soybean oils for nearby and forward delivery but the volume of business was limited, due to restricted offerings. Producers of these oils were not offering as freely as heretofore and some makers were said to be sold up for the major portion of the first half of next year. Other vegetable oils have been commanding more attention, and a good volume of business was transacted in moderate quantities at ceilings.

A firmer tone featured the fish oil market. Crude and sardine oils were stronger, with sales of the latter noted at fractional advances with producers boosting ideas to ceilings. This has been reflected in the refined grades, demand for which has increased. The difficulty experienced in obtaining linseed oil has caused users to show more interest in fish and other competing oils.

Soapmakers were restricted in the use of lard and rendered pork fat in the manufacture of soap, unless these materials were purchased prior to November 13, it was announced by the War Food Administration in an amendment to WFO No. 42 b.

The suggested 1945 goals for the following crops by the War Food Administration were:—Soybeans for beans, 10,688,000 acres, the same as last year, the 1935-39 average was 3,042,000 acres; flaxseed 5,000,000 acres against 3,285,000 acres planted last year, 1935-39 average 1,938,000 acres; peanuts, grown alone, 4,000,000 acres against 4,169,000 acres planted last year, 1935-39 average, 2,173,000 acres; cotton, 20,472,000 acres, same as last year, 1935-39 average, 28,496,000 acres; pigs saved, Spring 57,000,000, against 55,925,000 last year, 1935-39 average, 41,872,000 and pigs saved, Fall, 33,000,000 against 32,000,000 last year, 1935-39 average, 26,767,000.

Cottonseed Oil

New season highs were registered for cottonseed oil futures during the week. Trading was limited but offerings were light and prices were advanced. March sold at 14.25c. per pound and July at 14.15c. per pound, narrowing the gap from ceilings.

Cottonseed oil consumption during October totaled 235,143 barrels, comparing with 192,493 barrels the previous month and 287,490 barrels, October last year. Visible supply of oil and seed was estimated at 1,805,600 barrels against 1,756,000 barrels a year ago.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
December	....	....	14.31 nom.
March	14.25	14.25	14.10-14.28
May	14.15	14.05	14.00-14.31
July	....	....	13.90-14.30
September	13.80	13.80	13.55-13.90
October	....	....	13.40-13.70

Total sales, 13 contracts.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12⅝c.; Texas, 12c. (all ceiling prices).

Market Trends

Prices Advanced

Sardine oil, crude, ⅝c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
191.9	191.9	191.7	195.3

Memphis, Nov. 15.—Crude cottonseed oil situation continued firm. Moderate sales were made at ceilings. Offerings generally light with some sellers sold up to January. Cottonseed meal in active demand, many orders unfilled.

Linseed Oil

Activity in the linseed oil market continued restricted to small-lot trading to regular customers. Crushers were still out of the market insofar as round lots were concerned but were filing car-lot orders for forward delivery, subject to their ability to obtain seed. Prices were firm and unchanged. Consumers, however, were having no difficulty getting oil against former contracts. The call for this oil was active.

Minneapolis, Nov. 15.—Despite an acute demand for linseed oil the local crushers had little or nothing to offer for the remainder of the calendar year. It was estimated that local and interior mills were running between 80 and 100 percent of capacity. Shipments of oil indicated that many crushers were drawing from small surpluses and it was said that this situation could not be long maintained.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	5,760,000	5,580,000
Since Sept. 1	55,500,000	56,220,000

Flaxseed—Crushers continued to show active inquiry. Have purchased about two-thirds of the flaxseed crop to date.

Minneapolis, Nov. 15.—The situation in the Northwest as far as flax, linseed oil and linseed meal are concerned continues tight. Supplies of flaxseed from the country continued to tighten up during the week and crushers have booked about two-thirds of the crop up to date. It was estimated that better than 10,000,000 bushels of the Northwest's commercial crop had been marketed up to November 1 and conservative private estimates indicated that less than 5,000,000 bushels remained to be marketed while more optimistic government estimates—based on a rather liberal carryover figure—indicated that double that amount might roll to market.

Crop movement in bushels follows:—

	Receipts 1944	Receipts 1943	Shipments 1944	Shipments 1943
This week	279,000	453,000	72,000	37,500
Since Sept. 1	8,682,000	14,300,000	1,022,500	1,024,000

The week's closing flaxseed price range was as follows:—

	Cash	Dec.
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

Buenos Aires, Nov. 17.—No flaxseed shipments during the week. Visible supply was estimated at 4,134,000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosario, $2.17⅜ per bushel.

Cottonseed Crushings Report: October

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1, through October 31, 1944, as compared with the preceding period, according to the Census Bureau, were as follows:—

Cottonseed

	Tons 1944	Tons 1943
Receipts	[1]2,392,073	2,646,204
Crushed	976,685	1,266,948
On hand Oct. 31	1,533,644	1,469,592

Crude Oil

	Pounds 1944	Pounds 1943
Produced	294,261,000	385,186,000
Shipped	246,792,000	335,345,000
On hand Oct. 31	[2]94,089,000	112,975,000

Refined Oil

	Pounds 1944	Pounds 1943
Produced	[3]200,896,000	270,541,000
Shipped	.....	.....
On hand Oct. 31	[4]182,570,000	163,892,000

Cake and Meal

	Tons 1944	Tons 1943
Produced	441,934	578,058
Shipped	400,007	540,194
On hand Oct. 31	69,977	56,406

Hulls

	Tons 1944	Tons 1943
Produced	227,978	297,059
Shipped	196,113	271,285
On hand Oct. 31	46,658	37,758

Linters

	Bales 1944	Bales 1943
Produced	[5]281,734	377,000
Shipped	241,763	278,669
On hand Oct. 31	[6]101,891	234,258

[1] Does not include 118,256 and 90,336 tons on hand August 1, 1944 and 1943, respectively, nor 21,301 and 23,803 tons reshipped during the seasons 1944-45 and 1943-44.
[2] Includes 56,165,000 pounds at oil mills, 22,502,000 pounds of refining and manufacturing establishments, and 15,482,000 pounds in transit.
[3] Produced from 215,605,000 pounds of crude oil.
[4] Includes 178,134,000 pounds at refining and manufacturing establishments, 342,000 pounds eld elsewhere, and 4,094,000 pounds in transit.
[5] Includes 54,931 bales first cut, 207,374 bales second cut, and 19,429 bales mill run.
[6] Includes 37,641 bales first cut, 56,837 bales second cut, and 7,413 bales mill run.

For Current prices see alphabetical listing beginning on page 9.

Hull, Nov. 17.—Bombay, £32, November; Calcutta, £31¼, November; La Plata not quoted.

Linseed Meal—Active demand for meal unsatisfied. Production sold well ahead.

Buyers have been avid for supplies for many weeks and are still pushing mills to sell more meal than they can make. Production of meal is moving out "hot" off the presses and still the demand remains unsatisfied. Meal shipments for the week were 8,120,000 pounds, against 10,320,000 pounds a year ago.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week.....	8,120,000	10,320,000
Since Sept. 1.....	75,080,000	94,660,000

Other Vegetable Oils

Castor, Dehydrated—Trading was moderate, though withdrawals continued in good volume. Market remains firm.

Oiticica—An active demand for oil on the spot has materially reduced stocks here. Sales were reported at 20c. and 20¼c. per pound in drums, and up to 20½c. was named in some quarters. Oil for early delivery next year was available at concessions, with buyers showing little interest.

Soybean—Demand continued active. Offerings were not liberal. Sales of crude and refined oil were made at ceilings for prompt and nearby delivery during the week.

Tung—While the volume of trading was not heavy, a steady call continued for small and moderate quantities at ceilings.

Fish Oils

Menhaden Oil—Refined grades were firmer in sympathy with the stronger tone in crude oil. Demand for refined oil improved, and while prices were unchanged, the trend tends upward. Crude oil offerings were scarce and producers were maintaining quotations at ceilings, 8.9c. per pound, in bulk, f.o.b. plant.

Baltimore, Nov. 15.—While as many as forty boats are reported to be out at Morehead City and Beaufort, N. C., fishing for menhaden, the catch for the first two weeks of the season was not good. Some improvement was noted for the third week. Crude oil was firmly held at ceilings. Inquiry was fairly active, though trading was quiet.

Sardine Oil—Producers on the Pacific coast advanced prices to ceilings. Inquiry was active and offerings were well held. Prices were higher and last sales were made at 65c. per gallon, in bulk, f.o.b. Pacific coast.

Fatty Acids

Castor Oil Split—Sizable lots were in demand. Prices were steady and unchanged.

Linseed Oil—Trading was spotty, though withdrawals against orders were fairly active.

Red Oil—Deliveries on contracts continued in good volume. The market remains firm in sympathy with pressing stock. Prices were well held.

Stearic Acid—Offerings were limited due to the sold-up production. All grades were in good demand. Prices were strong.

Waxes

Beeswax—Trading in beeswax was not improved by the higher ceilings of 1½c. per pound for African crude wax, though inquiry was active. Sellers in primary market were reported to have boosted prices above the new ceilings, thereby making business impossible.

Candelilla—Increased offerings from primary centers attracted little buying interest. Supplies on the spot were in light call, though quotations were steady.

Carnauba—While business was limited, the market remains firm. Shipments from Brazil were restricted to February forward. Inquiry for prompt positions was active, but offerings were practically unavailable and were said to have been sold up.

Ouricury—Moderate volume of business was noted for prompt shipment from Brazil at ceilings. Stocks on the spot were at low ebb and well held.

Fats and Greases

Grease—Firm conditions continued to feature this market. The supply situation continued tight with business restricted due to the scarcity of offerings. Prices were maintained at ceilings.

Lard—A firm tone continued during the week. Offerings were restricted to edible purposes. War Food Administration announced that soapmakers shall not use lard or rendered pork fat in the manufacture of soap unless these products were purchased prior

—Continued on page 65

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COLOR: DARK AMBER

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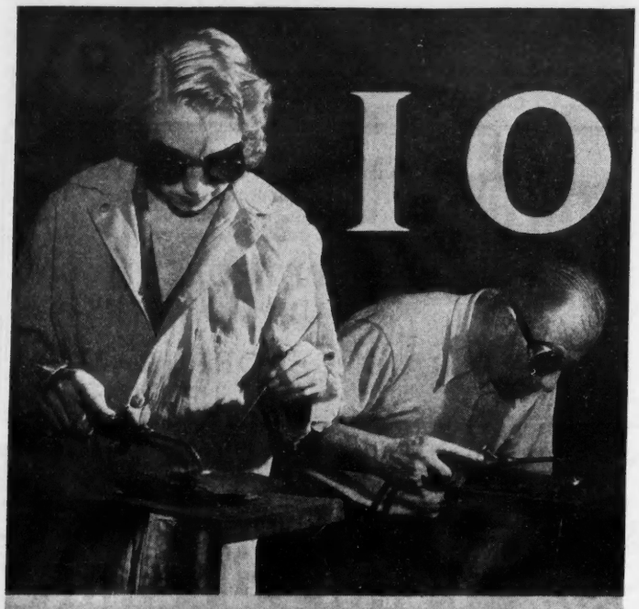

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Few realize the importance of Iodine nutritionally. But Iodine in minute quantities is needed by both man and beast in the metabolism of food and for general good health.

Baker supplies various forms of Iodine to a great number of pharmaceutical companies for use in medical preparations and pharmaceutical products. Baker likewise supplies Iodine to salt manufacturers. Common table salt is also iodized and is recommended by physicians, especially in the goiter belt.

Manufacturers of stock feeds also use Iodized Salt or various Iodine mixtures—some straight Potassium Iodide USP, others one of the 90-10 mixtures, the 10% being Calcium Carbonate or Magnesium Carbonate or Calcium Stearate.

The latter Potassium Iodide mixture containing Calcium Stearate is known as Stabilized Iodine, for Calcium Stearate tends to stabilize the Iodine against oxidation.

All these Iodine products primarily are for the protection of health. Whatever your requirements may be, when there is a need for Iodine in any form, remember Baker.

4

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Potassium Iodide USP
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10% CALCIUM CARBONATE
OR
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Baker's Chemicals

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Drugs and Fine Chemicals

New price developments were lacking in the drug and fine chemicals market last week. Demand was reported to be excellent and to the routine movement of quantities required by the war program were added the special needs of seasonal character. Combined, the movement gave full support to prices.

Quicksilver was among materials in the front line of shortages. There is plenty of metal available; it is in the government stockpile and can be had by industry if no other metal is available and those in need will pay the government price—which is about $77 per flask higher than the spot price last paid. Small orders revealed a total absence of spot metal and orders could be placed only at the mines for later delivery.

Glycerin held much interest for foreign buyers. Inquiries came here from London and involved consumers in Spain, Turkey and Sweden. The government was said to bar sales to Spain, and it was likely that sales to Sweden must await the end of war in Europe. The important thing was that there is an export market awaiting refiners as soon as they can ship.

Codliver oil produced in Norway in 1945 seems likely to be for German account unless internal conditions shall force the German surrender sooner than now seems likely. In August and September, the spot market had turned weak in ratio to the rise in belief in a 1944 defeat of Germany. At present, the market turns firmer because defeat at that time seems improbable. Unless Norwegian production shall be available to the world in 1945, the market seems destined for strength. And if available then, an easier price trend would seem to depend on the size of world demand.

Menthol was in excellent spot supply and in very poor demand. First shipments of new crop are expected to begin arriving here not before February and possibly not until March. If demand should increase and reduce sharply the present spot supply, values at the source and on spot could well turn upward. At the moment, it is a buyers' market. Production of racemic U.S.P. synthetic menthol is said to be well sold ahead.

Acetone—Heavy consumption by the war program cuts off all chance for any deliveries for purely civilian use. The position of the material rarely has been tighter.

Acid, Ascorbic—The need was very broad but production was said to keep all essential requirements filled promptly. Output is at high levels.

Acid, Lactic—One local quarter had in hand a car of 50 percent edible acid, released from allocation, and the price was 10c. per pound. This was substantially lower than the present going price.

Acid, Mandelic—Demand proved to be purely routine but the market retained a very firm undertone and prices were well stabilized.

Acid, Nicotinic—An October 26 purchase made by the War Food Administration involved 27,900 pounds of this material which was obtained at $3.02 per pound, or somewhat under the prevailing schedule of $7 per kilo.

Acid, Tartaric—Resellers are offering prompt deliveries at or about 75c. per pound, comparing with the producers schedule of 70½c. per pound.

Alcohol — Approximately 2,000,000 gallons of 190-proof ethyl alcohol for non-beverage civilian use as a supplement to the fourth quarter allocation of industrial alcohol has been released by the War Production Board. The action was contained in Direction 2 to M-30 governing ethyl alcohol allocation. Additional quantities will be made available to producers of drugs and pharmaceuticals, food products, flavoring extracts, toiletries, and cosmetics, including mouth washes and oral antiseptics. Also adhesives, photographic materials, duplicating inks, brake fluids, vinegar, candy glazes, and to other normal users whose consumption has been restricted. Without any limitations as to past use, resellers and users who desire to buy additional quantities should place purchase orders for such requirements with their suppliers whose ability to complete delivery, in whole or in part, will depend upon the amount of alcohol that may have been released to him for specific end uses. WPB said the estimated 1945 alcohol requirement was 536,000,000 gallons, compared with a potential supply of 607,000,000 gallons if all facilities operate at capacity and expected imports materialize. Government stocks, including reserve stockpile and working stocks, were about 64,000,000 gallons on November 1. WPB explained that the improved alcohol situation is, to a large extent, the result of smaller alcohol requirements for synthetic rubber. In 1945, WPB expects that distillers on the East coast will be required to operate exclusively on grain as raw material; molasses for alcohol production will be extremely limited. Distillers are no longer required to use a minimum of 10 percent rye or granular rye flour for four-quarter production of industrial alcohol, WPB reported. WPB notified whisky distillers that their stills won't be needed in January. They will produce alcohol for beverages in that month.

Discussions between the Cuban and United States commissions on purchases by the United States of sugar, molasses and alcohol from Cuba were temporarily suspended November 15, it was announced by the State department, to permit the Cuban commission to report on developments in the negotiations to its government and the mill owners and cane planters. This is the second time the discussions have been suspended. The State department said that the latest discussions, which began at the end of October, were conducted in a "spirit of mutual cooperation and substantial progress was made toward reaching a satisfactory agreement."

Arecoline Hydrobromide — Sellers' prices were split into two groups. One of them was offering goods produced at a cost making it possible to offer consumers at $6.50 per ounce. The other had much higher cost goods in hand and was compelled to ask $11.75. It seemed unlikely that such a wide spread in prices could long prevail.

Atropine—The tendency was to shade open quotations on sulphate, which were $6.50 to $6.75 per ounce. It seemed not improbable that under $6 might be done with an attractive order in hand.

Butyl Acetate—The prices hold in stable position and rule in a very strong market that consists almost solely of deliveries directed to furthering of the war program.

Caffeine—Citrated material has developed a more active position with the arrival of the season when consumption usually rises in company with the spread of Winter ailments. Medical requirements are being met. Anhydrous material of foreign and domestic make moved actively.

Calcium Acetate—Production is limited by the number of wood distilling plants producing natural methanol. Every pound of acetate produced has an owner, usually concerned with production of acetic acid.

Castor Oil—Stocks of beans continued to rise, the latest increase in supply amounting to 3,613,350 pounds. The total since January 1 last reached 236,951,240 pounds, which compared with the total of 224,869,800 pounds for the corresponding period a year ago. Consumption of oil for technical purposes was excellent. Medicinal requirements were routine.

Chicago, Nov. 15.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 13¾c. per pound; drums, less than car lots, 14½c.; tanks, 13c.; No. 3, extracted, returnable drums, car lots,

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

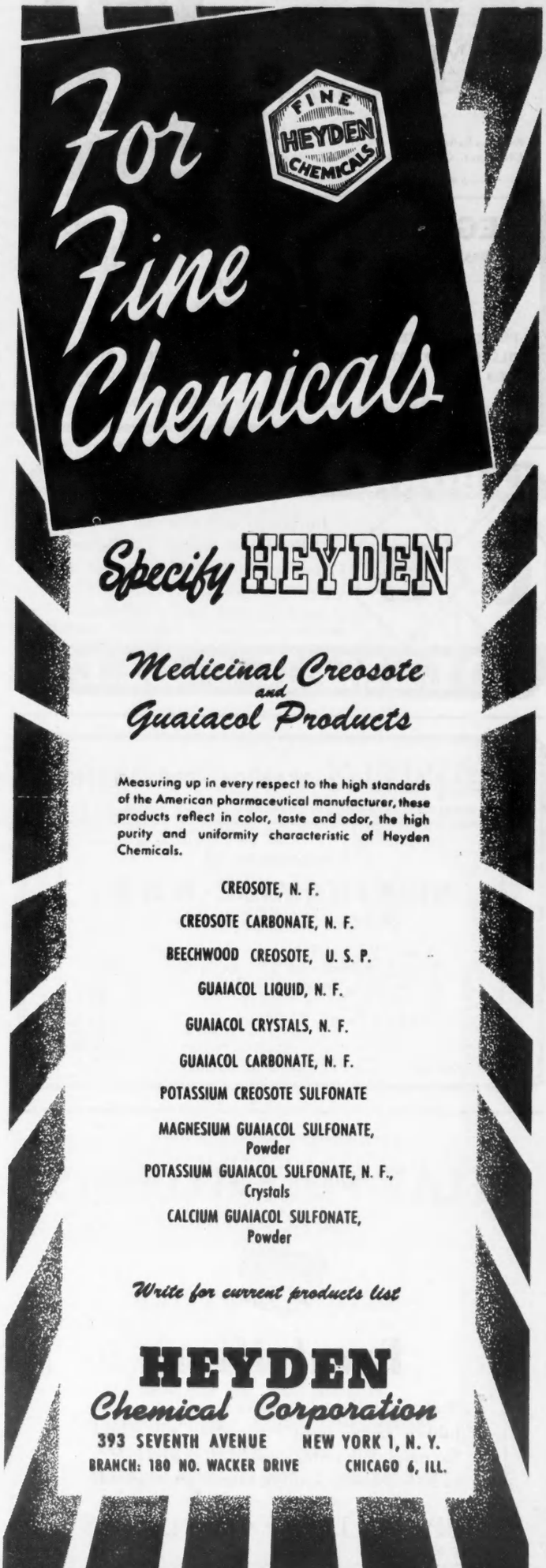
Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
236.0	236.0	235.7	241.0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POTASSIUM CREOSOTE SULFONATE
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Codliver Oil—The situation has become slightly firmer as the result of the progress of the war. Back in August and September it was felt here that the Germans would be defeated by the end of the year. That gave rise to a consideration of 1945 production in Norway coming on the world market, and the possibility of Germany resuming fishing and production of oil. The whole picture along those lines has not been realized and sellers now approach the market with the idea that 1945 production will go to the Germans—always provided that Germany does not collapse in defeat suddenly.

Fishliver Oils—Excellent consumption of all potencies, but especially those at the lower end of the scale, was reported and available supplies were well taken throughout the past week. Sales were always at ceiling levels and there is nothing to suggest an early change in that aspect of the market.

San Francisco, Nov. 15.—Fishliver oils were very quiet here and little trading was reported due to lack of supply. This situation has remained unchanged for several months now and the trade looks for little activity in the near future with conditions and ceiling prices as they are.

Glycerin — Steady increase in inquiries that are based on export business was reported last week. The inquiries showed that there is real interest in Turkey, Spain and Sweden and some of the inquiries reach here through British sources. It is understood that shipments to Spain are not likely to be permitted by the government at this time, and, of course, anything with Sweden must await the end of the war. But the important thing, from the long-term view, is that foreign interest in American glycerin does exist.

Chicago, Nov. 15—Glycerin prices are: —Chemically pure, tanks, 15c. per pound; drums, car lots, 15½c.; drums, less than car lots, 15¾c.; high gravity, tanks, 14¼c.; drums, car lot, 14½c.; drums, less than car lots, 15c.

Hyoscyamine—No further price reduction was noted last week, but the market was very competitive and shading would not be unlikely at times.

Menthol—London reports its inability to do business in Brazil at this time. Local sellers report limited demand, but think that the present unsold stock would be absorbed readily should consumers turn to buying with even fair liberality. First shipments of new crop menthol are not expected to arrive here earlier than February; and March is more likely to be the month that begins arrivals. The feeling now is that prices are not likely to break further. Should the spot supply be absorbed by the time new crop is in production in Brazil, higher prices there would be not unlikely. Production of synthetic U.S.P. racemic menthol is reported to be well engaged.

Milk Powder—Purchases made by the War Food Administration on October 27 totaled 764,000 pounds of spray process skimmed milk powder. WFA September purchases totaled 17,077,935 pounds of roller process, and 9,450,981 pounds of spray process. WFA sets 40 percent as the set aside of December, January output.

Quicksilver—The spot is clear of unsold metal and small but unfillable orders continued to come in. The business has to be placed at the mines, which, in turn, report production well engaged ahead. Some ask why the government, which has been a buyer of additional metal, does not fill its needs from stockpile estimated at between 85,000 and 117,000 flasks. Industry can buy from that stock if it reports none other being available and pays $195 per flask. The spot market is called $118 to $122 per flask and one quarter reported sales for later delivery at the outside figure last week. Most orders are very small and present market strength is based not on demand, but the unavailability of supplies at reasonable prices.

San Francisco, Nov. 16.—Quicksilver stocks here are extremely low. Little spot metal is available, with producers quoting metal between $110 and $112 per flask, f.o.b. San Francisco.

Trichloroethylene — Consumers who have ordered, or expect to order, 10,000 (15 drums) or more of this material for delivery during December next must file a one-time inventory report with the War Production Board.

Chicago Drug, Chemical Association to Meet Nov. 30

The Chicago Drug & Chemical Association's November luncheon meeting will be held at the Drake hotel November 30 in the Grand Ballroom. The speaker will be Captain Michael Fielding, noted radio commentator, military authority and world traveler, whose subject will be: "Searchlight Through the Fog," a brilliant analysis of world affairs.

Abbott Laboratories Gets DPC Contract

Abbott Laboratories, North Chicago, Ill., has entered into a contract with the Defense Plant Corporation to provide equipment at a plant in North Chicago at a cost of approximately $190,000. Abbott Laboratories will operate these facilities, title remaining in Defense Plant Corporation.

Burroughs Wellcome & Co., pharmaceutical manufacturer, Tuckahoe, New York, has received for the fourth time the Army-Navy Production 'E' Award.

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Penicillin Production Enhanced by Cellophane

Enhanced production of penicillin is made possible by the addition of cellophane to the fluid medium in which *Penicillium notatum* is grown, says George Schwartzman, of the laboratories of bacteriology at Mount Sinai Hospital, New York, in an article in *Science*. With cellophane bags or strips of suitable surface, the growth of the submerged and surface penicillin-producing strains of the mold is significantly faster and more abundant; penicillin makes its appearance earlier and reaches higher concentration in larger total volumes than in control cultures without cellophane. There is a gain in rate of production and in total yield.

The enhancement occurs also under conditions unfavorable for the development of penicillin, namely, (a) with degenerated cultures of the mold, and (b) when the surface penicillin-producing strain is grown in cultures with an unfavorably small ratio (0.0315) of total volume to surface area. There is also, says Mr Schwartzman, a markedly stabilizing effect of cellophane on the hydrogenation concentration of abundantly growing cultures during active production of penicillin. The stabilization is of significance, because the sharp rise in pH usually occuring in penicillium cultures tends to destroy the penicillin rapidly.

Industrial Alcohol

—Continued from page 3

ders for such requirements with their suppliers, WPB said. The supplier's ability to complete delivery, in whole or in part, of all orders for alcohol placed with him will depend upon the amount of alcohol that may have been released to him for specific end uses.

WPB emphasized that all purchase orders to suppliers must contain end use certifications, and that any alcohol to received may not be used for any other purpose. Quantities of alcohol released to producers or sold to resellers by producers may be used or delivered without regard to preference ratings. Producers may deliver alcohol to qualified purchasers who have certified to suppliers as to end use up to midnight, December 31, 1944. There is no restriction on resellers or users as to the time when the alcohol that may have been received can be resold or used for specific end uses certified to the suppliers.

While additional alcohol is being made available for increased production of rubbing alcohol, the restrictions governing the sale of ethyl alcohol for alcohol rubbing compounds remains in effect, WPB pointed out.

The present supply and demand pattern indicates the most critical phase of the alcohol program is practically over, according to Walter G. Whitman, assistant director of the Chemicals Bureau.

Requirements for industrial alcohol for 1945 are estimated at 536,000,000 gallons of 190 proof alcohol, as compared with a potential supply of 607,000,000 gallons, if all facilities operate at capacity and expected imports materialize, WPB said. Government stocks of alcohol, including both the reserve stockpile and working stocks, were about 64,000,000 gallons on November 1.

In terms of millions of gallons of 190 proof alcohol, the revised estimates of requirements follow:—

	1942	1943	1944	1945
Synthetic rubber		126.0	333.0	228
Direct military and Lend-Lease	71.2	102.9	90.0	98
Indirect military and civilian....	128.0	147.9	161.4	180
Anti-freeze	30.0	50.8	30.0	30
Total	229.2	427.6	614.4	536

WPB explained that the improved alcohol situation is to a large extent the result of a reduction in alcohol requirements for synthetic rubber.

During the first nine months of 1944, 112,000,000 bushels of grain were used for alcohol production, yielding 274,000,000 gallons of alcohol. Of this grain, 70 percent was wheat, 3.7 percent corn, 5.2 percent rye, 9.9 percent malt, and 5.2 percent other grains—primarily sorghums, WPB said.

Molasses supplies for alcohol production will be extremely limited in 1945, WPB said. It is expected that distillers on the East Coast will be required to operate exclusively on grain for industrial alcohol production next year.

WPB reported that since June, 1942, 63 projects have been approved for feed recovery facilities that have a capacity to recover 835,000 tons of feed annually on a grain bill that includes a high percentage of corn. Of the projects approved, new facilities with a capacity of 292,000 tons have been completed, but are not all as yet in full operation. Pre-war dried feed recovery capacity of the grain alcohol and beverage plants was about 400,000 tons per year.

O'Brien, O'Connor Leave Continental Can Co.

Carle C. Conway, chairman of the board and president of Continental Can Company, New York, has announced the resignations of Frank J. O'Brien and Eugene J. O'Connor, both vice-presidents.

Mr. O'Brien joined Continental Can in 1928 upon the company's acquisition of the Southern Can Company of Baltimore. Mr. O'Connor was appointed a vice-president in 1943, prior to which he had been associated with various departments of the company.

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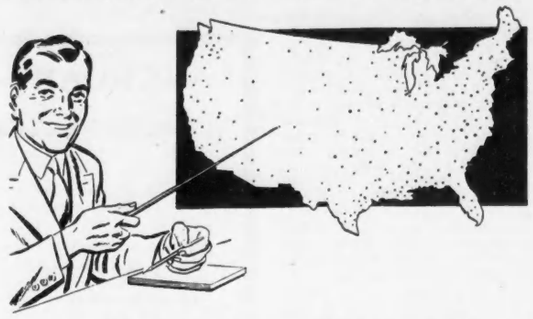

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Chemical Foundation

—Continued from page 3

Court. Various individuals in the Department of Justice and in the Anti-Trust Division of that department, including a former head of that division, have conceded that the action of the Chemical Foundation in fixing minimum prices was entirely in accordance with the law, particularly as the same was enunciated in the General Electric case.

The prices fixed by the Chemical Foundation were based on actual costs of production and represented what was believed to be a fair price to the public which would at the same time give a fair return to the producer. This belief is confirmed by the fact that in establishing prices, the Office of Price Administration in its release No. 636 of September 2, 1942, stated that it adopted for certain types of high alloy steel castings the base schedules used by the Chemical Foundation as the basis for minimum prices under its licensing agreements. The OPA also adopted price differentials established by the Chemical Foundation where the producer himself had no such established price differential.

Incidentally, in the same release, it was pointed out that the alloy steel casting industry did not develop in the United States until after the first World War. It was stated that "although the Chemical Foundation did not control all the formulas, nevertheless it did have sufficient control to be the guiding factor in the development of the high alloy casting industry in the United States."

The implication that the Chemical Foundation was used by anyone for any illegal purpose is absolutely without foundation in fact.

Obituaries

—Continued from page 4

St. Louis, Mo., died November 4. He was eighty years of age. He was chairman of the board of directors of the St. Louis College of Pharmacy.

John H. Crosby, an employee for thirty-four years of Merck & Co., Rahway, N. J., died November 14. He was seventy years of age.

Mrs. Julie M. Ehrengart, credit manager of the Onyx Oil & Chemical Company, Jersey City, N. J., died November 14.

Charles J. Fess, for thirty-five years a chemist of the Flood & Conklin Manufacturing Company, Newark, died recently. He was seventy-three years of age.

George J. Herniston, retired partner in the firm of Wailes-Dove-Herniston Corporation, paint manufacturer, died in South Orange, N. J., November 13. He was sixty-four years of age.

Mrs. Saunders Paul Jones, mother of Saunders P. Jones, jr., one of the founders of the Jones Dabney Company, division of Devoe & Raynolds, died in New York, November 11.

Nicholas Jurovics, owner of a pharmacy in Yonkers, N. Y., died November 15. He was forty-six years of age.

James A. MacDonald, fertilizer manufacturer for many years in Alhambra, Calif., died October 23 of a heart attack. He was sixty-three years old.

Ola Pennington, president of the India Paint Manufacturing Company, Los Angeles, was killed on October 15 when struck by an automobile. He was fifty-three years old.

Armand Schmoll, jr., president of Schmoll Fils, Inc., hide importing firm, New York, died recently. He was fifty-two years of age.

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Textile and Leather Chemicals

Although business in textile and leather chemicals lacked volume during the week, it was not due to the indifference on the part of consumers. Buyers were showing considerable interest for imported tanstuffs for nearby and future needs. Offerings continued light from producing centers and cargo space scarcity also affected trading. Receipts of late were not heavy and were booked for shipment months ago and were insufficient to create a satisfactory backlog of materials. Producers of quebracho extract were reported to be temporarily out of the market and waiting for the allocation of new quotas. Receipts of extract recently were not heavy and were consigned to consumers against former orders. Demand for wattle bark and extract was still unsatisfied. The new crop will start moving in January. While mangrove bark was available in larger supply for shipment, the extract continued scarce.

In the sizing materials group, the tight supply situation was still affecting business, especially was this pronounced in tapioca flour. Sellers in San Domingo and Brazil were maintaining prices above OPA import levels, thereby obstructing trading. Demand for potato starch continued to exceed the present supply although contracts for sizable quantities were placed for nearby delivery at ceilings. The reduced supply of potato culls, combined with increased quotas reserved for food, it was pointed out, was bound to lower the production of starches this year.

Producers of potash and soda bichromates have accepted contracts for 1945 deliveries at unchanged prices. Makers of potash and soda prussiates also have booked business for next two years at former levels.

Market Trends

Prices Advanced

Egg, albumen, granular, 7c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
283.2	277.2	276.4	269.4

Chemicals

Bichromates — Production of both potash and soda was moving at a steady pace on allocation. Market remains firm and unchanged. Producers were accepting contracts for 1945 at prevailing quotations. Output of bichromate and chromate (100 percent) during August totaled 477,000 pounds, and stocks on hand at the end of that month were 398,000 pounds. Production of sodium bichromate and chromate (100 percent) in August was 6,378 tons, and stocks at producers' plants were 1,216 tons.

Soda, Prussiate—Demand continued good during the week. Inquiry for next year's needs has increased and producers have booked contracts for soda and potash prussiates for 1945 at current quotations.

Sulphona'ed Oils—All grades were in moderate call with prices strong and unchanged. Textile mills also were taking sizable lots against prior contracts.

Dyestuffs

Annatto — Hand-to-mouth demand continued during the week. Supplies on the spot were small and well held. Receipts of seed were reported at 110 bags, which were delivered on prior orders.

Sizing Materials

Albumen, Blood—Trading continued active for prompt delivery. Market was steady and unchanged with consumption absorbing the bulk of the output. Demand for soluble blood was for sizable quantities.

Albumen, Egg—An excellent demand and limited stocks strengthened this market during the week. Prices were sharply higher with sales for granular reported ranging from $2.08 to $2.13 per pound, depending upon seller and quantity. Market closed firmer with quotations generally held at ceilings.

Dextrin, Corn—Demand was quiet but the market remained in a firm position. Withdrawals against contracts continued in good volume, and deliveries were closer to contract schedules.

Egg, Yolk—Buying interest continued active. Trading was restricted due to limited stocks. Sales were made ranging from $1.10 to $1.13 per pound according to seller and quantity. The market closed strong with prices held at ceilings. Frozen whites were steadier and higher in price. Government owned eggs being dried for export, taking pressure off the market. The government was using whole eggs in K rations instead of only the yolks.

Starch, Corn—The supply situation has shown a gradual easing, although the market continued steady at ceilings. Withdrawals on contracts continued for sizable quantities. Visible corn stocks were increased 1,852,000 bushels during the week ended November 11, totaling 8,390,000 bushels as compared with 11,111,000 bushels a year ago, according to the Chicago Board of Trade. War Food Administration purchased 2,112,000 pounds of type A and B of corn starch at 3.75 cents to 3.90 cents per pound, in bags f.o.b. plants, October 27 and 28. The corn grind of eleven refiners of starches, syrups, sugars and other derivatives of corn totaled 9,992,139 bushels, comparing with 10,773,300 bushels for the same months last year. This represents the corn ground for domestic use only.

Starch, Potato — Consumers continued to manifest an active inquiry for nearby requirements. Offerings for prompt delivery were light and demand exceeded the supply. Trading for nearby delivery was said to be heavy. Production this year was not expected to be excessive in view of the large quantity of culls taken for food consumption. Prices were firm at ceilings.

Starch, Sweet Potato—Production has started in the south with one plant in operation. Supplies were light and acceptance of orders was restricted to less than car lots. Sales were reported at 6½c. per pound, f.o.b. works, Mississippi.

Tapioca Flour—Heavy arrivals during the past month were delivered against previous contracts. Resale material has been exhausted and the supply situation is as tight as ever. Sellers at primary centers were asking prices above the OPA import ceiling, obstructing business. Shipments were quoted on the basis of 9c. per pound, f.o.b. San Domingo, and at 9¼c. per pound, c.i.f. New York from Brazil. Receipts were reported at 7,552 bags.

Tanning Materials

Divi-Divi—Buyers were manifesting a good inquiry for new crop material, the movement of which is due to start in January. The market continued in a firm position though tradifg lacked improvement because of the scarcity of material and cargo space at primary centers.

Mangrove Bark—Trading in extract was light, because of the scarcity of offerings for shipment. Inquiry for nearby and forward shipment was active. Prices were firm. Offerings of bark were freer with moderate sales going through at prevailing levels.

Myrobalans—Spasmodic trading was noted at current quotations. Sellers were offering more freely for shipment, with consumers placing occasional orders for moderate quantities.

Quebracho — While tanners were manifesting some inquiry for bark and extract, trading was inactive because of the scanty offerings. The market was firm and unchanged. Receipts of extract totaled 25,063 bags, which were consigned against previous contracts.

Wattle Bark—Although buyers were in the market for round lots of extract, business was obstructed by the scarcity of offerings for shipment from abroad. Available shipments of bark have become scarcer. Inquiry for both materials continued active. Receipts of wattle bark totaled 515 tons and of extract 223 tons which were consigned to consumers on prior contracts.

For Current prices see alphabetical listing beginning on page 9.

Van Ness Quits OPA Cotton Post

OPD Washington Bureau

John F. Van Ness has resigned as head of the cotton price section of the Office of Price Administration to return to private industry. Herbert Walmsley, Great Neck, Long Island, N. Y., will succeed Mr. Van Ness as head of OPA's cotton section, which is a part of the Primary Products Price Branch.

Textile Technologists To Meet December 6

American Association of Textile Technologists will present plaques to three honorary members at its December 6 meeting. Those receiving the plaques are Dr. Harold De Witt Smith, admitted as an honorary member December, 1944; Ernest Geier, admitted as honorary member November, 1939, and Sir Samuel Salvage, admitted as an honorary member January, 1941.

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Botanical Drugs, Spices, Gums

Medicinal botanical drugs retained a firm price position throughout the past week. A fair sized, though usually jobbing, demand prevailed during the period and for the most part, buyers found it not too easy to cover requirements readily. When it came to transactions of substantial size, the absence of anything like normal reserve stocks made covering of requirements difficult, almost regardless of price. Since competition was negligible, it was mainly a sellers' market.

Papain turned firmer and then higher when buying took up some of the accumulated supply. Sellers felt that the rise might be extended. On the other hand, bitter orange peel from Haiti was easier and lower. Black haw was in better request and the conservative size of stocks was the more apparent. Elm was virtually unobtainable at any price. White pine demand broadened in keeping with the season, and interest in wild cherry bark was rising for similar reasons. Neither was plentiful.

Replenishment of the all but exhausted stock of vanilla beans was still awaited. Meanwhile, the market was practically nominal. Hungarian type chamomile moved more frequently, always at firm prices. Stocks of euphorbia pil were increased moderately. Belladonna leaves were definitely on the firm to strong side. Little root was available. Henbane was moderately easy and usually in competitive position.

Bloodroot, aletris, helonias, ladyslipper, and goldenseal were in small reserve and inquiries were numerous. Pinkroot was also hard to get. Rhubarb was in good supply but first cost curbed any further tendency toward price competition.

Price changes in the condimental group were numerous but advances and reductions were evenly divided. The strengthening and advance of prices on Californian marjoram, savory, and thyme was a feature. Canadian caraway seed was lower. Some domestic grown paprika was offered.

Balsams

Copaiba—Rather quiet throughout the past week. Buying was mainly in jobbing quantities. Business sufficient to keep prices firm.

Fir—More stability reported in prices on Canadian balsam. Decline in prices stopped. Oregon balsam very steady. Demand moderate for both.

Barks

Black Haw—More activity was reported and the demand for prompt deliveries showed that stocks at all points are definitely moderate in size. The position of root bark was especially troublesome.

Cascara Sagrada—As things are shaping up in the Pacific northwest at this time, it does not appear that much additional labor will be available for peeling during the season ahead. Reports are that ship building will be increased, if that be possible, because of the rising need for more transportation to the Pacific war area. However, inability to increase the peel substantially has to be set beside the fact that some of the larger buyers are carrying very good sized reserve stocks.

Orange Peel—Bitter Haitian peel was lower and easier as well as more competitive at 10½c. to 11c. per pound.

White Pine—Interest shows a normal gain and potential buyers fail to find any easing of the recently firm price position. Nor do they find stocks more than moderate.

Beans

Vanilla—A market stocked with small supplies of beans and definitely firm in price prevailed throughout the past week. So far as known, nothing has been added to the available supply, though additions are expected at a time which dealers are unable to establish because of war uncertainties.

Market Trends

Prices Advanced

Drugs

Papain, powdered, 25c. per lb.

Other Articles

Cardamom, bleached, 2c. per lb.
Celery seed, India, ½c. per lb.
Marjoram, Calif. French type, 2c. per lb.
Paprika, Chilean, 1c. per lb.
Spanish, good, 1c. per lb.
fair, 1c. per lb.
Pimento, ¾c. per lb.
Savory, domestic, 2c. per lb.
Thyme, Calif., French type, 2c. per lb.

Prices Reduced

Drugs

Orange peel, bitter, Haitian, ½c. per lb.

Other Articles

Allspice, Mexican, futures, ¾c. per lb.
Arrowroot, powdered, ¼c. per lb.
Caraway seed, Canadian, 8c. per lb.
Cardamom, Coorg, clipped, 10c. per lb.
Clove, futures, ¼c. per lb.
Ginger root, Cochin, bleached, ½c. per lb.
Rosemary leaves, Portuguese, ¼c. per lb.
Sage, Cyprus, good, 1c. per lb.
fair, 2½c. per lb.
Spanish, ¼c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year
244.5	244.5	244.5	258.2

It is believed that consumers can readily absorb 100 tons of French beans if and when they may become available.

Berries

Cubeb—The steps recently taken toward liberation of the primary market have been small. There seems to be no chance of restoring spot stocks at any foreseeable future.

Juniper—Holding very steady but not sought for very actively in spot circles. Many of the larger buyers of domestic berries do business direct with the primary market.

Flowers

Chamomile—Some improvement in sales of Hungarian type material was reported in two quarters but the quantities required by buyers were not large. The basic position of prices remained very firm. Replacements must come here on ships under a foreign flag.

Clover—Limited stocks moved along jobbing lines most of the time last week. However, first costs were such as to eliminate any tendency toward competitive shading of local quotations.

Pyrethrum—Stocks of flowers increased to the extent of 280,000 pounds and 140 bales. Of course, all are earmarked for distribution under allocation by governmental agencies.

Gums

Arabic—Some quarters are standing by, refusing to meet present price minimums on spot and determined to hold stocks until they shall show some profit from their sale. Others seek to reduce inventories. Meanwhile, there is not much demand in local circles.

Locust Bean—Prices held without further change. Spainsh exports have been hampered by minimum export prices set by the Spanish government and which are higher than some goods can be bought at in other sources of supply. Demand was reported moderate last week.

Mastic—Although the primary market was reported liberated by British forces some time back, so far as known no communications have been reestablished between importers here and the source. Nor have attempts to learn something of the supply situation been successful in the British market.

Herbs and Leaves

Euphorbia Pil—Stocks gained to the extent of 34 bales, all of which went to dealers. Others carry but moderate supplies.

Marjoram—Stocks of Chilean material gained to the extent of 130 bags. Prices had an easier undertone. French

For Current prices see alphabetical listing beginning on page 9.

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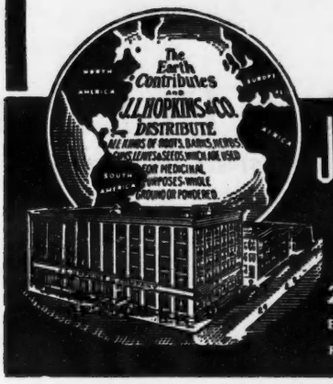

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type from California was higher at 47c. to 48c. per pound, f.o.b. Pacific coast market.

Rosemary—Portuguese material was shaded to 8¾c. to 9¼c. per pound. Spanish remained unchanged at 14c. to 15c. Neither was in much demand.

Sage—Good quality Cyprus leaves were lower at 18c. to 18½c. per pound; fair quality, 14c. to 14½c. Spanish was shaded to 17¾c. to 18¼c.

Savory — Domestic material was higher at 97c. to 98c. per pound, f.o.b. Pacific coast.

Thyme—African leaves were offered at 19c. to 19½c. per pound. California French type were higher at 82c. to 83c. per pound, f.o.b. Pacific coast.

Miscellaneous

Cantharides—None were known to be available among dealers. No substitute flies have taken the position formerly held by Russian and Chinese materials.

Ergot—On the firm side since the foreign markets show some strength. Stocks here were up 5 bags. Restoration of normal division of export business between Portugal and Spain is uncertain.

Papain—The slackness in stocks has been taken up considerably and, in the process, prices have turned upward on powdered material. Quotations late last week were $2.40 to $2.50 per pound and sellers were disposed to be reserved for the time being at last. Stocks gained by 28 half chests.

Roots

Arrow—Some powdered material originating in other than the normal primary market was offered at 9c. per pound. St. Vincents root was lowered to 10c. to 10½c. per pound under the competition. The 9c. price was not met because of differences in quality.

Blood—The supply was definitely short and any major buying of determined sort could quickly put the material into nominal position.

Ladyslipper—Several orders in the market were covered around $1.55 per pound and some quarters were unable to quote at all. Reserves in the country were far below normal.

Rhubarb—The supply was ample to meet the current call. The undertone

—Continued on page 66

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The Original Chewing Gum Was

Catechou

The original gum chewers were not Americans but Hindus, Chinese, and Japanese. And the original chewing gum was catechou. History records in 1565 that this native of India and Burma was combined with cereal flour into chewing tablets. By 1680, enormous quantities were being masticated throughout the Far East.

Europe first saw catechou in 1650 when it was brought there from Japan and called Terra Japonica. When the American Revolution began in 1775, the London price was 75c per pound. One hundred years later, it cost 4c, an indication of increasing imports.

A normal price for this astringent gum is about 7c per pound in the United States. Japan controls the main source today.

WAREHOUSE AND MILLS
JERSEY CITY NEW JERSEY

Essential Oils, Other Aromatics

Some improvement in activity in the market for essential oils and aromatic chemicals was reported last week. In addition to being in the market more frequently, buyers for consumption gave further support to the market by being less inclined to request delays in contract deliveries, or to suggest, occasionally, the cancellation of some individual contract.

If goods were being taken more in keeping with the terms of commitments, that more satisfactory approach to the market does not eliminate from consideration the fact that consumers are definitely sensitive to the ebb and flow of the fortunes of war. When a quick ending of the war was a too widespread belief in the recent past—for many, it was to be over by Thanksgiving or Christmas—some consumers were prompt to reflect their belief by delaying deliveries or even seeking contract cancellations, this for the purpose of curtailing inventories because buyers thought that German surrender was a matter of weeks.

Since then, the turn of war events has shown that the end cannot be visualized as to date. Rather, events suggest nothing more than the certainty of ultimate and overwhelming defeat of the European enemy. Therefore, consumers have changed their tactics and during the past week were ready takers of substantial quantities of merchandise. But in the minds of dealers and importers, the promptness with which consumers acted in the recent past to reduce additions to stocks, merely because they "believed" the war was near its end, is clear evidence of what lies ahead for the essential oil and aromatic chemical industry.

Market Trends

Prices Advanced

Coriander, $2 per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
206.2	206.2	260.1	255.9

Essential Oils

Almond—Request came for routine quantities from routine sources of consumption and the bulk of trading in expressed oil was along jobbing lines.

Bergamot—Although the Foreign Economic Administration has established $5 per pound as the ex warehouse, New York, price at which dealers and importers may buy, most dealers last week reported that they had yet to receive any oil. Most of them were not disposed to establish a selling price until they had the oil in hand. The only firm indication of a sales price was $6.50 per pound, but some dealers, when talking about price, mentioned $6 as a probable figure at which they would sell. Still, none would so quote. Another angle in the situation was the evident intention of some dealers, who have manufacturing facilities, to keep their quota for their own operations. Others said that their entire quota had been spoken for by their former customers. It does not appear probable that much oil will be left for open market orders after distribution to dealers has been effected. When cogitating about the amount of oil ultimately to be available for consumers, it should not be forgotten, that the 90,000 pound stock quoted at $5 per pound is available to importers. Dealers are importers. So are some of the larger manufacturing consumers. Both are entitled to a quota at $5 per pound. Allocation of supplies to consumers who were formerly direct importers will reduce substantially the quantity to be available for distribution by dealers.

Bois de Rose—Jobbing demand was slightly more active, giving a firmer undertone to the spot market and making prices also firmer.

Birchtar—Although there have been repeated suggestion of Russia getting some oil through to this country, it has not happened yet and the spot market remains bare of supplies.

Cananga—Stocks were very small and sellers showed great reserve. Many totally lacked supplies. To a considerable extent, the spot was nominal.

Citronella—Some quarters are even now considering the effect on the market when Java oil shall again be available for the production of synthetic menthol. The fact that both Brazil and Japan will have a menthol industry may temper domestic production of USP synthetic menthol from Java citronella oil. Ceylon oil remained steady to firm throughout the past week.

Clove—Additions to supply by arrivals of foreign oil failed to ease the price position. On the contrary, the market showed all of its recent strength to which was added the influence of very good demand.

Coriander—Not much oil was available. Distillation is restricted by the failure of imports of seed and the small stock of oil remaining was priced higher at $28 to $36 per pound.

Dill—The main season being past, the market was slow to inert last week without prices showing weakness or decline.

Eucalyptus—The market undertone was very firm. Stocks were generally short and dealers could rarely offer more than a few cases. Prices have hardened and the tendency was reported to be upward.

Geranium—Brokers stated last week that they were bewildered by some reports concerning prices. Some low quotations have been mentioned but with firm orders in hand the brokers were unable to find the cheap oil. The fact was that quarters said to be quoting low were actually buyers.

Juniper Tar—The undertone was moderately easy but there was no immediate effect of prevailing prices. Demand was mainly jobbing in character and volume was small.

Lemon—There was not much oil available for any sort of delivery. Movement of stocks is mainly to the producers of products destined for the armed forces and there seems to be no end of such requirements. The trend of thought among dealers is that if the army can bring in oil to be utilized in making that which it buys, it might well find a corner in some returning transport into which to load some prime brand Italian oil for sole use in civilian products. There is plenty of talk about ships that return in ballast.

Orange—Demand was routine in character but very good as to volume. Stocks were ample and it seemed probable that they would be kept at high levels through steady additions to available supplies. There is always the chance that shipments from French Africa will be resumed, especially now that the de Gaulle government had full recognition. London reports West African oil controlled at 11s. 1½d. per pound in original packages.

Aromatic Chemicals

Isoeugenol—Stocks are on the short side and there is a demand that is not easily met at the present time. Quotations showed substantial strength and it is not improbable that it is price ceilings that prevents a general rise in value.

Hydroxycitronallal—Few have anything like a reserve of this material and that which is available is in strong hands and held at high, strong prices. Production is limited by raw material insufficiencies.

Isobornyl Acetate—Sellers report orders in hand being filled with a fair degree of promptness. A firm price and sufficient stocks of prompt delivery material seems to prevail.

Methyl Acetophenone—Many are totally unable to supply the article and among most dealers, prices existed in name only.

Methyl Salicylate—Production is well engaged and there has been an excellent requirement, arising from seasonal needs in the market. Production presses the ability of producers to get raw material.

Musk—Shortages continue to exist, mainly because the present productive

For Current prices see alphabetical listing beginning on page 9.

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capacity of the industry remains at limits imposed by the ability to get raw material. Demand continues excellent for everything obtainable at the present time.

Phenylethyl Acetate — Sellers showed reserve, which was in keeping with their lack of more than extremely moderate stocks. Prices were firm. Some quarters could not quote.

Phenylethyl Alcohol — Inquiries were routine but were fairly numerous during the past week. Little competition prevailed in transactions, which were usually at sellers' ceilings.

Styrolyl Acetate — Business was light, being mainly of jobbing size. Prices were steady to firm in the absence of any tendency of holders to press sales. Stocks were small.

M. Cortizas Co. Name Now Camax Co.

The Camax Company is the new name of M. Cortizas Company, importer of Mexicans, bourgons and other varieties of vanilla beans.

The plant and offices continue at 1316 Arch street, Philadelphia.

The principal ownership in the company remains unchanged. Joseph R. Maxwell, former chief chemist for Steven F. Whitman & Sons, confectionery manufacturer, Philadelphia, has been named president of the Camax Company. Mr. Maxwell had been affiliated with the Whitman organization for twenty-five years.

Cox, Aspden & Fletcher Marks 25 Years

Cox, Aspden & Fletcher, Inc., importer and exporter, New York, is observing its twenty-fifth anniversary. The company was established by H. Symington Cox, who now resides in Bombay and who carries on an import and export business under the name of H. S. Cox & Co. The company has connections in Central and South America, South Africa and Australia and are agents for Plaimar Limited of Perth, West Australia, manufacturer of essential oils. Recently the company was appointed agents of Smith & Searls, machinery builders of Melbourne, Australia.

Tyriver Sales Manager For Manhattan Soap

Robert E. Tyriver, formerly divisional sales manager with Colgate-Palmolive-Peet Company, Jersey City, N. J., has been appointed general sales manager of Manhattan Soap Company, New York.

T.G.A. Convention Date for 1945 Set

The Toilet Goods Association has fixed the dates May 9 to 11 for its annual convention. The meeting will be held at the Waldorf-Astoria, New York.

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Petroleum Derivatives

Notwithstanding an additional stepping up of the daily production rate of crude petroleum, a steadily increasing flow of primary derivatives as well as of crude oil itself to the East coast, and a continued easing of such petroleum chemicals as aromatic solvents and liquefied gases, it has now become obvious that there is little likelihood of any relaxation of rationing, in heating or other fuel oils or gasoline at least until the ending of the war in Europe and until arrangements are made for disposition of the surplus military supplies when these become available.

The Petroleum Administrator himself has stamped as "unfounded and regrettable" recently widely circulated statements that fuel oil supplies had become so abundant as to justify larger rations next month or immediately after the turn of the year. In refuting these statements, thus made wihout auhority, the Administrator pointed out that, although stocks of heating oil in the East are now 3,500,000 barrels higher while stocks in the Midwest are 1,000,000 barrels larger than a year ago, the requirements of the military establishment far transcend those of last year, so that in view of threatening transportation trouble, the Administration gives it as its considered opinion that supplies of this oil will be no more than enough to meet these military needs, plus civilian requirements on the present ration basis.

On the score of an indefinite continuance of the present system of gasoline rationing, moreover, it is submitted by analysts of the situation that, although the total supply of gasoline for the East coast is now about 2,000,000 barrels daily, military requirements in this district and shipments for military and lend-lease purposes demand more than one-half of the supplies thus coming into this area and this demand is not expected to decline until the Nazis are crushingly defeated, although large military stocks have been accumulated abroad.

With a further diminution in the war's requirements in xylol, however, an easier situation is prevailing in all the petroleum solvents made from a xylol base. Furthermore, more liberal allotments are being made to civilian users in such light hydrocarbons as butane and propane and, although crude scale paraffin is once more becoming scarce, several of the refined grades of this material are in better supply than for some time past.

Solvents and Diluents

Aromatic Solvents—With the recent further easing of the xylol supply situation, processors of these high solvency aromatic naphthas are once more enabled to operate to the extent called for by current requirements in the Grade A and Grade B types and their blends.

Cleaners' Naphtha—Continues in keen demand on both military and civilian accounts. Market strong.

Lacquer Diluent—Paint trade still buying extensively of this material. Tone steady.

Mineral Spirit — Moving steadily into consuming channels.

Rubber Solvent—Manufacturers of synthetic rubber continue taking up all available stocks and current output. Prices firmly held.

Stoddard Solvent—In brisk request, with the movement to military and civilian dry cleaners continuing to reach sizable proportions.

V.M. & P. Naphtha—The paint and varnish industry is still buying sizable lots of this naphtha specialty, with those engaged in war production work getting the major portion of current offerings.

Markets at Other Centers

Chicago, Nov. 17.—Orders are still holding up in good volume for most of the materials in the petroleum solvents and thinners groups in this area. Buyers in the paint industry are in many instances endeavoring to procure additional supplies. The market, in general, is decidedly tight.

Los Angeles, Nov. 15.—While the allocated receivers of certain petroleum solvents and diluents are for the most part having their needs met, the situation still remains very tight on the Pacific coast. Cleaner's naphtha and lacquer diluents continue in keen demand.

Market Trends

Prices Advanced

Crude petroleum, Southern Louisiana, 5c. per bbl.

Prices Reduced

None

Lighter Fractions

Butane—Much more liberal allotments are now being made of this liquefied gas for home-heating purposes, albeit the bulk of current offerings and output is still being absorbed by manufacturers of high octane aviation gasoline and synthetic rubber.

Heptane—Moving in increasing volume into consuming channels.

Hexane—Buying interest steadily improving in this liquefied gas.

Octanes—In constantly mounting demand with prices well maintained.

Pentanes—Moving in increasing volume. Tone strong.

Propane—A larger quantity than hitherto is now being permitted to go into home-heating and private manufacturing processes, although the major portion of available supplies and production continues to be snapped up by high-octane gasoline and synthetic rubber makers.

Petrolatums and Waxes

Amorphous Waxes—A steady movement of these waxes continues to be recorded, under the leadership of the standard process types.

Paraffin—Mounting lend-lease and other shipments abroad have recently reduced the available supply of crude scale to the extent that the supply situation in this basic material is again becoming decidedly tight. Most of the refined grades, however, are still fairly easily procurable, but, nevertheless, there is still a scarcity of some of the high melting points.

Petrolatums—A steady movement into consuming channels continues to be noted in U.S.P., veterinarian and technical grades of petroleum jelly, with prices firmly held throughout the list.

White Mineral Oils — Despite sporadic price cutting by supplies overstocked in some lines, leading manufacturers of these oils continue to adhere strictly to their old price schedules and are still booking the bulk of the available business.

Fuels and Lubricants

Crude Petroleum — The daily production rate of crude oil has shown an increase of 7,500 barrels to an average of 4,727,000 barrels for the week ended November 11. Runs to refineries in that same week have also exhibited a gain, rising from 4,570,000 barrels to 4,650,000 barrels.

The Standard Oil Company of Louisiana has announced a markup of 5c. per barrel in its postings on oil taken from wells in the Southern Louisiana area.

OPA has announced the granting of increases in existing ceiling prices for twenty-six additional stripper well areas and a downward revision in four areas, effective as of November 1. The downward revisions of price ceilings have been in the First Wall Creek and Shale area of the Salt Creek field in Wyoming, where a former increase of 35c. per barrel has been dropped to 20c. per barrel. Simultaneously, the Second and Third Wall Creek area in the Salt Creek field has been brought under the bonus plan for the first time, with an increase of 20c. a barrel, while the Morrison pool in that same field, involving only one well, has been continued under the plan at the same increase of 25c. per barrel, as formerly. The two other revisions are in the Piggot pool in Oklahoma, formerly allowed an increase of 25c. per barrel but now given a revised increase of 35c., and in the Blackwell pool in Texas, formerly having an increase of 20c. but now given one of 25c.

Fuel Oil—Nationwide stocks of light fuel oil have shown a reduction of 218,000 barrels to 48,477,000 barrels in the week ended November 11, compared with 45,296,000 barrels a year ago but supplies of heavy fuel oil have manifested an increase of 555,000 barrels to 63,999,000 barrels within same week, contracted with 62,409,000 barrels at the corresponding time last year.

Gasoline—A decline of 318,000 barrels to 78,091,000 barrels has occurred in the nationwide stocks of gasoline within the week ended November 11. This aggregate has included 12,877,000 barrels of unfinished supplies, 39,321,000 barrels of civilian automotive and 25,893,000 barrels of aviation and blending stocks currently indeterminate as to ultimate use. A year ago, stocks of gasoline amounted to 68,344,000 barrels.

GIVE A PINT OF BLOOD TODAY TO THE AMERICAN RED CROSS

Fay Joins Rheem Co.

George Fay has resigned as treasurer of the Hydril Corporation, Los Angeles, to become comptroller of the Rheem Manufacturing Company. Previously, Mr. Fay was comptroller of Blair & Co., investment securities underwriters, and treasurer of Nemours Trading Corporation, a duPont subsidiary.

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1 Sharples Super Centrifuge No. 6; monel basket.....N. Y.
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1 Niagara No. 200 S.S. Filter; 11 leaves; 3" centers; 195 sq. ft...N. Y.
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1 Shriver 24" Cast Iron 4 eye 29 chamber Filter Press.....N. J.
1 Sperry 36" Wood Plate & Frame (41) Filter Press.....N. Y.
1 Shriver 36" Jacketed Cast Iron Filter Press. .....Mich.
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1—Battery of 5—40" STEEL BASKET, WESTERN STATES, 1600 RPM, belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil; syrup troughs, all supporting framework, unloaders.

1—10,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

2—8'x12' All Steel OLIVER FILTERS.

8—8x10 Wood Stave OLIVER FILTERS.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

Miscellaneous: Pumps, Packaging Machinery, Coil and Calandria Pans

***Send for Printed Circular* — Arrange to Inspect**

9—Hardinge BALL MILLS, 5' x 22", 6' x 36"; also 6' x 12' Rod Mill.

2—8' x 30" Hardinge Conical Silex Lined PEBBLE MILLS.

5—ROTARY KILNS, 6' x 60' 8' x 125', 8'x 135'.

2—BELT CONVEYORS, 30" x 130', 16" x 65'.

3—Dracco Perfecto Type AAA DUST COLLECTORS

1—Abbe Blutergess No. 2 SIFTER; 1—No. [illegible] OS. m d

2—Gen. Ceramic 40" dia. x 15' high ABSORPTION TOWERS.

10—Dopp C. I. jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.

3—ROLLER MILLS, 6'6" x 14", 12 x 30, 16 x 40 water cooled.

2—K. K. 18-spout Rotary Gravity hand FILLERS.

3—Beach-Russ No. 10 ROTARY VACUUM PUMPS, with V-belt Drive, m. d.

2—Nash No. 2 ROTARY VACUUM PUMPS, with V-belt Drive, m. d.

1—Pneumatic Scale straight line BOTTLE CLEANER

4—150 gal. aluminum TANKS, cone bottom.

1—Stokes No 21 GRANULATING MIXER, 50 lb belt driven.

2—Granberg LIQUID METERS.

1—No. 7;—Colton TUBE or JAR FILLER, No. 0.

1—Roger hand TUBE FILLER.

2—Jones Automatic CARTONERS.

2—Anderson PACKAGING UNITS

1—Sperry Iron FILTER PRESS, 36" x 36", 38 chambers; 1—Shriver 24" x 24", 40 chambers.

1—World Rotary auto. LABELER

1—Burt straight line auto duplex LABELER, md.

1—C. C. & S. 7-head Jumbo CROWNER

3—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.

1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.

3—Pfaudler GLASS LINED TANKS, 2-90 gal. open, 1-100 closed.

3—40 gal. DAY PONY MIXERS.

53,000 No. STEEL GRINDING BALLS.

1—Size "B" Erie City COAL PULVERIZER with 40 P 3/60/220-440 V. Motor. Rated 2000 lbs. per hour.

2—18 x 18" Jeffery Single ROLL CRUSHERS.

11—COPPER & ALUMINUM steam Jack. KETTLES —up to 350 gal, some with agitator.

1—24" dia. x 40" PENNSYLVANIA SINGLE ROLL CRUSHER.

1—HARDINGE CONICAL PEBBLE MILL, 6' x 36", silex lined, silent chain drive, motor and starter.

2—DORR BOWL CLASSIFIERS—10' dia. bowl with 2'3"x19'8" rake, 12' dia. bowl with 2'3"x21'4" rake,

1—OLIVER DUPLEX DRY VACUUM PUMP, 14" x 8".

2—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.

4—DORRCO DIAPHRAGM PUMPS, single and duplex.

1—8' x 8' OLIVER ROTARY CONTINUOUS VACUUM FILTER.

1—RAYMOND BROS. "IMP" PULVERIZER, No. 40, with direct connected motor, cyclone collector and all inter-connecting piping.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

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There's still a War to be Won. Help production! Send your list NOW.

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POSITIONS VACANT

MANUFACTURING CHEMIST wanted—A rare opportunity is offered to a chemist thoroughly experienced in the manufacture of textile chemical specialties used in the textile dyeing and printing industry. A good knowledge of starches, gums, pigments, resins, softeners, detergents, etc., is required. Excellent salary, plus bonus to man who can qualify. Established progressive company located near New York City. OPD 520.

FOOD CHEMIST, with imagination and initiative, capable of eventually assuming complete responsibility for the manufacture and development of flavoring extracts and allied products, wanted by old-established firm well known in the industry. An unusual opportunity. OPD 543.

CHEMIST—Excellent opportunity in expanding plant one hour from New York. Some experience in resin and plastic coating applications on textiles preferred. Give full details. OPD 544.

GOOD OPPORTUNITY for man with some experience in the manufacture of ointments, creams, pastes and kindred products with leading pharmaceutical manufacturer. Permanent position. New York City area. Availability statement needed. OPD 545.

PHARMACEUTICAL CHEMICAL salesman. We offer an interesting opportunity to a young man who is qualified to represent our company in offering our pharmaceutical chemicals and vitamin materals to leading pharmaceutical and cosmetic houses; to work out of our New York office. Please communicate by letter only, giving experience, age, education and expected salary. R. W. Greeff & Company, Inc., 10 Rockefeller Plaza, New York 20, N. Y.

SOLVENT SPECIALIST—We offer an interesting opportunity to a young chemist with experience in the use of resin and lacquer solvents for sales work in the Chicago area. Please communicate by letter only giving training and experience, education, salary requirements and draft status. R. W. Greeff & Company, Inc., 10 Rockefeller Plaza, New York 20, N. Y.

ASSISTANT CHEMIST for laboratory work in progressive paint and varnish manufacturer's laboratory in metropolitan area. Some experience required. Write all details. All replies held strictly confidential. OPD 542.

POSITIONS WANTED

CHEMIST, executive type. Fine record of achievement in research, service and sales. Very wide experience in finishes, coatings, plastics and general organic. Available metropolitan area only. Desires technical or commercial development, or other work requiring business personality, excellent experience and unusual ability. OPD 525.

CHEMICAL ENGINEER, organizer, groomed in great industries; matured in lesser ones. Varied experience. Chemical processes, compounding, fabrication. Lay-out, design, erection, maintenance. Time study, planning, scientific management. Strong academic background. Varnish, color and organic technology. Seek any position with good scope, North Jersey or Manhattan. OPD 524.

DRUG EXECUTIVE—Broad background in drugs, chemicals and rubber; college trained in chemistry and economics; Ph.D.; working knowledge of sales, development, industrial relations, production; twelve years' experience as treasurer, training and sales director large manufacturing concern. Presently employed as general manager retail drug division of large midwest company. Replies held confidential and further data given on request. Available January 1. O. Eberle, 555 Leader Building, Cleveland, Ohio.

CHEMIST, TECHNICAL director and production superintendent, now employed in research, seeks new position in East or Northeast. Twenty-five years' experience in paints, varnishes, enamels, driers, dry colors, oils, resins, chemicals, linoleum, paper coating and equipment design. OPD 532.

PRODUCTION CHEMIST with wide experience in manufacture of fine chemicals, alkaloids, resins, extracts, insecticides, synthetic hormones, etc., desires contact with ethical firm as plant manager or in charge of production. OPD 533.

SALES EXECUTIVE, now employed same manufacturer 20 years, desires new permanent connection. Now in charge 14 men, sale pigments to industrials, water paints, insecticides to dealers and distributors nationally. Fully capable hiring, developing new sales force. Age 41, married. Locate East preferred. Excellent references. Confidential OPD 536.

POSITIONS WANTED

PHARMACEUTICAL CHEMIST, registered pharmacist 40 years, 20 years' large scale production experience in large drug firm. Experienced supervisor. Specialty: drug grinding, tinctures, fluid extracts, elixirs, mixtures. Available soon. OPD 535.

INDUSTRIAL CHEMIST, Ph.D., 25 years' experience in synthetic organic chemistry, oils, foods and emulsions. Process development in these fields has occupied most of my time. Now employed. OPD 538.

PHARMACIST, was also employed with wholesale drug, private formula and packaging concerns, wishes position; clerical, learn manufacturing, other work where above experience can be useful, pharmaceutical, kindred line. N. Y. C. area. 43, reliable OPD 539.

National Oil Supply Marks 43 Years

The National Oil & Supply Company, Newark, N. J., observed its forty-third anniversary November 12. Two members of the organization, John F. Berg, treasurer, and Edward Fagan, plant superintendent, were honored, November 17, by the company on the occasion of their twenty-five years of service with the organization.

Air Reduction Co.

	1944	1943
3 months, Sept. 30....	$1,408,644	$1,819,195
Per share.....	.51	.67

Oils, Fats, and Waxes

—Continued from page 49

to November 13. Lard stocks, including rendered pork fat, in the United States totaled 117,956,000 popnds on November 1, comparing with 168,251,000 pounds October 1, and 157,163,000 pounds November 1, 1943. The five-year average for November 1 was 136,808,000 pounds. Chicago lard stocks on November 15 were 19,365,638 pounds, against 23,285,912 pounds November 1, and 20,847,665 pounds November 15 last year. The War Food Administration announced that good and choice butcher hogs weighing from 200 to 270 pounds, instead of from 200 to 240 pounds, will be supported at $12.50 (Chicago basis) until June 30, 1945.

Tallow—Trading was light because of limited available supplies. Inquiry continued active. Prices were strong at ceilings.

Voet Research Director For J.M. Huber Co.

Dr. Andries Voet, research chemist, has been appointed director of research of J. M. Huber, Inc., New York.

SPECIALS!

1—VULCAN 6'x42' ROTARY DRYER.
1—W. AND P. 100 GAL. JACKETED MIXER, SIGMA BLADES.
1—Stokes No. RDS3 Rotary Tablet Machine, 1¼" tablets.
1—No. 5 Sweetland Filter, stainless steel lined, with 15 stainless steel leaves on 4" centers.
1—No. 5 Sweetland Filter, with 20 leaves on 3" centers.
1—No. 9 Sweetland Filter, with 24 leaves on 3" centers.
3—De Lavel No. 600 Clarifiers.
5—Swenson Walker Continuous, Jacketed Crystallizers, 24"x30'.
1—Day 300 gal. Aluminum Lined Jacketed Mixer.
1—Day No. 10 Imperial Jacketed Mixer, 30 gal.
2—6'x5' JACKETED CLOSED PRESSURE KETTLES.
2—JACKETED STILLS, 500 AND 350 GAL. WITH STEEL COLUMNS AND CONDENSERS.
4—JACKETED, AGITATED STEEL KETTLES, 650, 600, GAL.
1—W. & P. 150 GAL. STAINLESS STEEL LINED MIXER.
2—COLTON NO. 2 ROTARY TABLET MACHINES.
1—Colton No. 2-B Single Punch Tablet Machines.
1—Colton No. 4 Single Punch Tablet Machine, 1" tablets.
1—W. & P. 20 gal. Mixer.
5—Semi-Automatic Labelers.
1—Patterson 3'x4' Porcelain Lined Pebble Mill, motor-driven.
1—2'6" x 3'6" Jacketed Steel Ball Mill, 92 gal.
3—J. H. Day 80-gal. Lead Mixers.
1—Struthers Wells 2200 sq. ft. Triple Effect Evaporator.
1—Stokes 100 gal. Vacuum Pan, steel.
1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.
1—Oliver Rotary Filter, 5'x8'.
5—Shriver and Independent 24", 36", 42" Wood Filter Presses.
1—Sperry 18" Cast Iron Filter Press, 9 chambers.
12—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top, bottom discharge.
1—Raymond No. 00 Screen Pulverizer.
3—Hersey Rotary Dryers, 5'x30'.
1—Copper Rotary Dryer, 6'x17'.
2—Scott 4'x8' Vacuum Cookers.
1—BUFFALO 24"x20" VACUUM DRUM DRYER.
2—Rotary Dryers or Kilns, 6'x60'.
1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.
1—Jeffrey Hammer Mill, 24"x18".
3—Roller Mills, 9"x24", 12"x30"
1—Copper Vacuum Pan, 50 gal.
2—1750 gal. Lead Lined Tanks.
10—Condensers, 20 to 300 sq. ft.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

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Equipment Co.
225 WEST 34th STREET
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BRyant 9-2040

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

12—Filter Presses, Iron, Wood and Rubber, 15" to 42" sq.
1—Ball & Jewell No. 1½ Rotary Cutter.
1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
6—Autoclaves, 200 to 1,500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1,500 gals.
2—75 & 1,500 gal. lead lined closed Kettles.
1—Pfaudler 60 gal. Jack. Agit. Glass Lined Kettle.
2—Dopp 50 & 80 gal. Jack. Agit. Kettles.
1—250 gal. Copper Jack. Vac. Still and Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. Steel Copper Lined Vac. Filter Tank.
1—600 gal. Steel Copper Lined Agit. Tank.
6—20, 35, 75 & 250 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ½" & ⅝".
1—Ball & Jewell Rotary Cutter.
3—Homogenizers, 10 HP, motor driven.
25—Hydr. Presses, Pumps and Accumulators.
1—75 lb. Powder Mixer, motor driven.
1—Dunning & Boschert 2000 lb. Double Arm Steel Powder Mixer.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
2—Devine 8"x8" Horiz. Vac. Pumps.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vac. Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
3—Tolhurst 24", 26" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
2—Schutz-O'Neil 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, 1 to 10 HP.

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Buffalo Fdy. Vacuum Drum Dryer 24" x 20", Steel Drum, Variable Speed Drive.

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2—1650 gal. 6 ft. dia. x 8 ft. deep Steel Jacketed Turbine Agitator, Speed Reducer, 10 H.P. Motors.

1—2460 gal. 7'3" dia. x 7'3" deep, Iron Body, Steel Jacket Turbine Agitator, Speed Reducer, 15 H.P. Motor.

1—2400 gal. 7'10" dia. x 6'8" deep, Iron Body, Heating Coils, Two Blade Agitator, Speed Reducer, 15 H.P. Motor.

2—2460 gal. 6'6" dia. x 10' deep, Iron Body, Steel Jacket, Propeller Agitators, Speed Reducer, 15 H.P. Motors.

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1—Abbe 4' diameter Pebble Mill.
National Equipment 100-gallon latest style Colony Homogenizer with stainless steel two stage head.
1—Huhn Steam Dryer.
1—Elgin 24 Spout Rotary Vacuum Filling Machine.
1—Colton Ossilating Granulator.
2—Galvanized tilting type Percolators, 200-gallon capacity.
1—World Fully Automatic Labeling Machine.
1—Filler four Plunger Filling Machine.
1—J. H. Day No. 2 Double Arm, heavy duty, motor driven.
1—Ermold and 1 World Semi-Automatic Labeling Machines.
2—Day 3 roll Roller Mills 16" x 40" horizontal type with roller bearings, direct motor drive.
2—Kent 3-roll Roller Mills, 16" x 40" horizontal type motor drive.

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STEAM JACKETED KETTLE, 8' dia., 5' deep, complete with agitator—new.
COPPER TANK with agitator and coil, 66" dia. x 7'.
INVINCIBLE POWER Vertical Barrel Filling & Packing Machine.
COPPER EVAPORATOR with Stokes Condenser.
COPPER COATING PAN, 66" dia., 40" deep.
TANK, 8' dia. x 30', made of ½" plate, dished ends.
STEDMAN FOUNDRY MACHINE CO. No. 4-6 HEAVY DUTY PULVERIZER with Heavy Brass Shaft, 4 Ball Bearing Hangers, Double Flywheel Drive, Mounted on heavy cast iron bed.
KNY-SHEERER STERILIZER, 71½" long, 30" wide, 42" high, mounted on truck with Steam Boiler.
STERILIZERS or PRESSURE COOKERS—new—18" x 18" on steel legs, with gasoline burner, clampdown cover, safety valve and gauge—$75.00 each.
AMMONIA COMPRESSORS, 2 to 75-ton capacity.

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Botanical Drugs

—Continued from page 60

was firm, price competition being under wraps because of the first cost of replacements from India.

Seeds

Ca. away—Canadian seed was lower at 72c. to 73c. per pound. Some California material was priced at 68½c. per pound, f.o.b. Pacific coast, which compared with a spot price of 77c. to 79c.

Cardamom—Bleached, bold material was lightly higher at $1.20 to $1.25 per pound. Coorg, clipped material was down to 50c. to 55c. Decorticated at the source was unchanged. Some American decorticated material was said to be available.

Celery—For the first time in weeks, prices turned upward. Quotations were 18c. to 18½c. per pound. However, reports failed to suggest a definite change in the basic position of the material which is priced far below ceilings.

Spices

Allspice—Forward delivery material was cheaper at 16c. to 16½c. per pound. Spot was unchanged.

Clove—Zanzibar in forward position was shaded to 16¼c. to 16¾c. per pound. Madagascar in the same position was available at the same price. Shipments after the turn of the year were quoted at 15¼c. per pound.

Ginger—Bleached Cochin root was shaded to 27½c. to 28c. per pound.

Paprika—Prices continued to rise. Chilean was up to 31c. to 32c. per pound. Good quality Spanish stood at 46c. to 47c.; fair, 42c. to 43c. Some domestic grown pepper was offered at 36c. to 36½c. per pound at California points.

Pimento—Spot was quoted higher at 22¼c. to 22¾c. per pound.

Markets at Other Centers

Los Angeles, Nov. 15.—The botanical drugs and spice market remains extremely tight here, and it is reported that stocks of calendula flowers and thyme are depleted and new crops are not in until next year. Prices are:—

Calendula Flowers—Nominal at $2 per pound.

Marjoram—French type named at 50c. per pound in dried and clean form.

Sage—Dalmatian type, guaranteed to contain less than 12 percent stems named at 85c. per pound for small lots. Leucophyllia named at 55c. for small lots.

Savory—French type named at $1.10 per pound in small lots.

Sweet Basil—Quoted at $1.25 in dried form.

Thyme—French type purely nominal. In dried and clean form named at 80c.

Toledo Paint Club Hears Public Works Director

At the regular meeting of the Toledo Paint, Varnish and Lacquer Association November 14, Merritt W. Green, Director of Public Welfare of the City of Toledo, addressed the meeting on various phases of city finance, taxation, bonded debt, etc.

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ACID, CRESYLIC—800 dms
ANNATTO SEED—110 bgs, Pablo Calvet Co
ASBESTOS—1,727,430 lbs
ANIMAL GLANDS—204 bbls, 45,750 lbs, Biological Raw Products Co
BEEF LIVER, CONC—20 cs, Wilson & Co
BRISTLES—15 cs, H Rosenhirsch Co, Inc
10 cs, N Wagman Co
107 cs, F H Cone & Co
20 cs, Chesnut, Cooper & Co
15 cs, Bank of New York
40 cs, Corn Exchange Bank & Trust Co
80 cs, S Hirshenhorn & Son
CAFFEINE, ANHYDROUS—143 bbls, Lo Curto & Funk
CALCIUM TARTRATE—626 bgs, Tartaric Raw Material Co
CASHEW KERNELS—1,700 cs, 85,000 lbs, A L Bazzini
1,000 cs, 50,000 lbs, Zaloom Co
1,500 cs, 75,000 lbs, Wood & Selick
58 cs, 2,900 lbs, L Demartini & Co
1,000 cs, 50,000 lbs, Sunset Nut Shelling Co
9,000 cs, 450,000 lbs, W A Higgins & Co
2,000 cs, 100,000 lbs, Braun Importing Co
1,000 cs, 50,000 lbs, W A Herth
2,000 cs, 100,000 lbs, Biddle Purchasing Co
3,000 cs, 150,000 lbs, Bowes & Co
600 cs, 30,000 lbs, Sokol & Co
100 cs, 5,000 lbs, Jacques Misir
400 cs, 20,000 lbs, Spencer Importing Co
300 cs, 15,000 lbs, Manhattan Nut Co
800 cs, 40,000 lbs, Golden Nut Co
700 cs, 35,000 lbs, Abel Reggio
1,500 cs, 75,000 lbs, National Nut Co
5,000 cs, 250,000 lbs, T M Duche & Sons
10,000 cs, 500,000 lbs, W A Camp & Co
CASEIN—508 bgs, 66,000 lbs, Edmond J Lang
2,020 bgs, 262,600 lbs, Sheffield Farms
2,500 bgs, 325,000 lbs, American Cyanamid Chemical Corp
100 bgs, 13,000 lbs, Paul & Stein Bros
417 bgs, 54,210 lbs, Casein Co of America
860 bgs, 111,800 lbs, Eugenio Lang
1,000 bgs, 130,000 lbs, International Corp
508 bgs, 66,040 lbs, Fleischman, Burd & Co, Inc
CASTOR BEANS—22,127 bgs, 3,319,050 lbs, Baker Castor Oil Co
5,038 bgs, 755,700 lbs, Spencer Kellogg & Sons
6,734 bgs, 1,010,100 lbs, Wilbur Ellis & Co
CELERY SEED—4 bgs, 520 lbs, E Meer & Co
12 bgs, 1,560 lbs, Kachurin Drug Co
8 bgs, 1,040 lbs, Simon Beer Co
4 bgs, 520 lbs, J Bieler Import Co
8 bgs, 1,040 lbs, R F Downing & Co
CHALK, PRECIPITATED—700 bgs, H J Baker & Bro
300 bgs
CINNAMON—90 bls, 9,000 lbs, Volkart Bros
483 bls, 48,300 lbs, C T Wilson & Co
513 bls, 51,300 lbs, A G Dunn
100 bls, 10,000 lbs, Stickney & Poor Spice Co
300 bls, 20,000 lbs, Archibald & Kendall
507 bls, 50,700 lbs, R T French Co
486 bls, 48,600 lbs, C T Wilson & Co
400 bls, 40,000 lbs, Otto Gerdau Co
COCOA BEANS—2,000 bgs, 400,000 lbs, Rockwood & Co
1,000 bgs, 200,000 lbs, Daarnhouwer & Co
100 bgs, 20,000 lbs, Ernest Adler Co
2,000 bgs, 400,000 lbs, Cocoa Trading Co
1,000 bgs, 200,000 lbs, Johnson & Higgins
100 bgs, 20,000 lbs, Middleton & Co
600 bgs, 120,000 lbs, Scarburgh & Co
500 bgs, 100,000 lbs, J Aron & Co
1,000 bgs, 200,000 lbs, A C Israel Commodity Co
100 bgs, 20,000 lbs, Little & Christman
100 bgs, 20,000 lbs, General Food Corp
2,000 bgs, 400,000 lbs, W R Grace & Co
3,100 bgs, 620,000 lbs, Wessel, Kulenkampf & Co
2,000 bgs, 400,000 lbs, Hershey Chocolate Co
100 bgs, 20,000 lbs, Wood & Selick
1,000 bgs, 200,000 lbs, Nieschlag & Co
800 bgs, 160,000 lbs, C M Loeb-Rhoades Co
3,166 bgs, 633,200 lbs, Curacao Trading Co
100 bgs, 20,000 lbs, General Cocoa Co
100 bgs, 20,000 lbs, Royal Bank of Canada
191 bgs, 38,200 lbs, Machado & Co
COCOABUTTER—47 bls, 6,110 lbs, General Cocoa Co
24 bls, 3,120 lbs, M Golodetz & Co
CORK, BOARDS—1,000 cs, Alexander Murphy & Co
SHAVINGS—3,531 bls, Crown Cork & Seal Co
VIRGIN—3,000 bls, Armstrong Cork Co
WASTE—4,000 bls, Armstrong Cork Co
WOOD—2,806 bls, Armstrong Cork Co
COTTONSEED MEAL—9,846 bgs, 984,600 lbs, Ashcraft, Wilkinson & Co
18,192 bgs, 1,819,200 lbs, United States Commercial Co
5,377 bgs, 537,700 lbs, S Stern, Stiner & Co
ERGOT—5 bgs
EUPHORBIA—34 bls, S B Penick & Co
FULLERS EARTH—200 bgs, L A Salomon & Bro
GINGER—256 bgs, Volkart Bros
240 bgs, D Hecht Co
144 bgs, S B Penick & Co
416 bgs, C T Wilson & Co
GUM, GUAIAC—14 bgs, Geck Trading Co
KARAYA—3 bgs, Innis, Speiden & Co
OLIBANUM—50 bgs, Max Pels
GYPSUM—2,300 tons, National Gypsum Co
GROUND—600 bgs, Hammil & Gillespie
HAIR, CATTLE TAIL—14 bls, Hair & Fiber Supply Co
11 cs, Liberty Title & Trust Co
HORSE—17 cs, Hair & Fiber Supply Co
142 cs, F H Cone & Co
17 cs, Public National Bank
HORSE TAIL—8 bls, Tupman, Thurlow Co
49 cs, J Henry Schroeder Banking Corp
358 cs, F H Cone & Co
MANE—8 bls, Liberty Title & Trust Co
HONEY—130 bbls, East Asiatic Co
100 bbls, M Golodetz Co
25 bbls
46 bbls, Gondrand Shipping Co
HOOF MEAL—1,465 bgs, Wessel, Duval & Co
MARJORAM LEAVES—120 bgs, H S Cramer & Co
MENTHOL—5 cs, Lamborth Pharmacal Co
5 cs, C L Huisking & Co
237 cs, McKesson & Robbins
10 cs, Vick Chemical Co
MICA—376 cs, United States Commercial Co
OIL, CHAULMOOGRA—120 cs, Kachurin Drug Co
GUAIAC—(Correction)—In previous issue Geck Trading Co was credited with 14 bgs—should have read Gum Guaiac
LEMONGRASS—11 dms, Geo Lueders & Co
3 dms, Givaudan Delawanna
17 dms, Orbis Product Co
15 dms, Maywood Chemical Works
5 dms., Dodge & Olcott Co
30 dms, Van Ameringen, Haebler, Inc
4 dms, United States Rubber Co
NEATSFOOT—282 cks, L Furth, Inc
100 trcs, Tupman, Thurlow Co
ORANGE—50 cs, T M Duche & Sons
4 cs, P R Dreyer
1 cs, Simons & French Co
5 cs, W J Bush & Co
7 cs, Fritzsche Bros
SANDALWOOD—3 cs, Magnus, Mabee & Reynard
5 cs, Pelton Chemical Co
19 cs, Duke & Benedict
SASSAFRAS—5 dms, Norton & Ellis
PAPAIN—28 half chests, Kachurin Drug Co
PYRETHRUM FLOWERS—140 bls, United States Commercial Co
280,000 lbs
QUEBRACHO EXTRACT—3,800 bgs, International Products Corp
21,263 bgs, Tannin Products Export Corp
TAPIOCA FLOUR—7,552 bgs, United States Commercial Co
ULTRAMARINE BLUE—70 cks, Standard Ultramarine Co
50 cks
WATTLE BARK—1,039,800 lbs
EXTRACT—446,480 lbs
WAX, BEES—22 bgs, D Steengrafe
72 bgs, Andes Fruit & Produce Co

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Index to Advertisements

A

Alabama Charcoal Co. 38
Amcon Trading Corp. 49
Amend Drug & Chemical Co., Inc. 68
American Agricultural Chemical Co. .. 1
American British Chem. Supplies, Inc. 37
American Cholesterol Products, Inc. 52
American Colloid Co. 46
American Potash & Chemical Corp. .. 54
American Zinc Sales Co. 32
Anderson-Prichard Oil Corp. 68
Ansul Chemical Co. 38
Armour & Company 55
Atlantic Coast Fisheries Co. 56
Atlas Powder Co. 52
Aviquipo, New York City 66

B

Baker & Adamson Div. 21
Baker, J. T., Chemical Co. 1, 50
Barber Asphalt Corp. 46
Barium & Chemicals, Inc. 38
Barium Reduction Corp. 37
Barnett Laboratories 56
Barrett Division 41, 42
Bay Chemical Co., Inc. 39
Bemis Bro. Bag Co. 17
Brill Equipment Co. 65
Brode Corp., The 48

C

Calco Chemical Division 12
Calif. Fruit Growers Exchange, Products Dept. 24
Camax Company, Inc. 66
Carbide & Carbon Chemicals Corp. .. 2
Celanese Chemical Corp. 19
Centflor Manufacturing Co. 62
Ceramic Color & Chemical Mfg. Co. 40
Chemical Products Corp. 40
Chemical Sales Corp. 68
Chemical Solvents, C. P., Inc. 68
Church & Dwight Co., Inc. 37
Coleman & Bell Co. 52
Colgate-Palmolive-Peet Co. 54
Colton, Arthur, Co. 47
Commercial Solvents Corp. 6
Consolidated Products Co., Inc. 64
Cooper, T. G., & Company 49
Crosby Naval Stores, Inc. 49
Croton Chemical Corp. 40

D

Darling & Co. 49
Dickerson Company 41
Diehl, Wm., & Co. 48
Distillation Products, Inc. 53
Dominion Food Products Co. 56
Dow Chemical Co. 10
Dreyer, P. R., Inc. 61
Du Pont de Nemours, E. I., & Co., Inc. 20

E

Edcan Laboratories 56
Emery Industries, Inc. 22
Emsco Equipment Co. 65

F

Faesy & Besthoff, Inc. 68
Fairmount Chemical Co., Inc. 57
Felton Chemical Co., Inc. 62
Fezandie & Sperrle 57
Fine Organics, Inc. 68
First Machinery Corp. 64
Florasynth Laboratories, Inc. 61
Franks Chemical Products Co. 46
Fries & Fries, Inc. 54
Fritzsche Bros., Inc. 61

G

Gartenberg, H., & Co., Inc. 57
General Drug Co. 25
General Magnesite & Magnesia Co. 39
Golwynne Chemicals Corp. 15
Gray, William S., & Co. 1
Greeff, R. W., & Co. 45
Gross, A., & Co. 49
Gruman, J. B., Co. 66

H

Harco Chemical Corp. 56
Hardesty, W. C., Co. 48
Hercules Powder Co., Inc. 29
Heyden Chemical Corp. 51
Hopkins, J. L., & Co. 59
Hunt Chemical Works, Inc. 40
Hutchinson, D. W., & Co., Inc. 61

I

Imperial Paper & Color Corp. 45
Independent Mfg. Co. 49
Inland Alkaloid Company 53
Inland Steel Container Co. 23
Interboro Chemical Co. 40
International Minerals & Chemical Corp. 38
International Selling Corp. 40

J

Jones & Laughlin Steel Corp. 43

K

Kelco Company 59
Kentucky Color & Chemical Co., Inc. 47
Keto Chemical Co. 56
Koppers Co., Inc. 43
Krumbhaar Chemicals, Inc. 46

L

Lamon Chemical Corp. 52
Lawson, W. B., Inc. 39
Leghorn Trading Co., Inc. 52
Lemke, B. L., Co. 55
Lever Brothers Company 54
Loeb, H., & Son 65
Lucidol Corp. 53
Lueders, George, & Co. 61

M

Maas, A. R., Chemical Co. 40
Machinery & Equipment Corp. 65
Magnus, Mabee & Reynard, Inc. 8, 61
Mann Fine Chemicals, Inc. 54
Mathieson Alkali Works, Inc. 14
May & Baker (Canada), Ltd. 56
McKesson & Robbins, Inc. 36
Mefford Chemical Co. 54
Metalsalts Corp. 55
Michigan Chemical Corp. 54
Monsanto Chemical Co. 13
Mutual Chemical Co. of America 57

N

National Rosin Oil & Size Co. 46
Natural Products Refining Co. 30
Naylee Chemical Co. 16
Neuberg, William D., Co. 11
Neville Company 44
Newark Steel Drum Co. 65
New Jersey Zinc Company 33
Niacet Chemicals Corp. 46
Niagara Chlorine Products Co. 63
Nuodex Products Co., Inc. 58

O

Orbis Products Corp. 62

P

Pacific Coast Borax Co. 1
Parsons, M. W. 44
Peek & Velsor, Inc. 60
Penick, S. B., & Co. 58
Pennsylvania Refining Corp. 63
Pennsylvania Salt Mfg. Co. 38
Pfizer, Chas., & Co., Inc. 35
Pittsberg Chemical Co. 37
Potash Co. of America 41
Prentiss, R. J., & Co., Inc. 55, 60
Prior Chemical Corp. 1
Procter & Gamble 48, 52

R

Read, Chas. L., & Co., Inc. 37
Reichard-Coulston, Inc. 46
Rosenthal, H. H., Co. 53
Rufert Chemical Co. 15

S

Schimmel & Co., Inc. 62
Schwab Brothers Corp. 46
Seydel Chemical Co. 56
Sharples Chemicals, Inc. 1
Sherwood Refining Co., Inc. 63
Silmo Chemical Corp. 52
Skelly Oil Co. 26
Smith Chemical & Color Co., Inc. 67
Solvay Sales Corp. 31
Standard Alcohol Co. 46
Standard Specialty & Tube Co. 53
Standard Ultramarine Co. 47
Stauffer Chemical Co. 38
Stein Equipment Co. 65

T

Tennessee Products Corp. 39
Thurston & Braidich 66
Todd, A. M., Co. 62
Treemond Sales Company 56
Turner, Joseph, & Co. 63

U

Union Bag & Paper Corp. 48
Union Carbide & Carbon Corp. 2
Union Standard Equipment Co. 65
U. S. Industrial Chemicals, Inc. 47
United States Potash Co., Inc. 41

V

van Ameringen-Haebler, Inc. 62
Velsicol Corp. 44
Victor Chemical Works 40
Viking Distributing Co. 63
Virginia Smelting Co. 38
Vitro Manufacturing Co. 40

W

Warwick Wax Co., Inc. 27
Western Crude Drug Co. 66
Will & Baumer Candle Co., Inc. 49
Williams, C. K., & Co. 46
Wilson-Martin Div. 48
Witco Chemical Company 18

Z

Ziegler Pharmacal Co. 54
Zink & Triest Co. 66
Zinsser & Co., Inc. 40

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- ANTIPYRINE SALICYLATE, N.N.R.
- CALCIUM IODOBEHENATE, U.S.P. (Sajodin)
- CAMPHOSULFONIC ACID AND ITS SALTS
- CAMPHORIC ACID, C.P. (Natural and Synthetic)
- ETHYL CHAULMOOGRATE, U.S.P.
- CALCIUM BENZYL PHTHALATE (Pure)
- RESORCIN MONOACETATE, N.N.R.
- ACETYL TANNIC ACID, U.S.P.
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